

**CASE**

**NUMBER:**

99 - 491

INDEX FOR CASE: 1999-491  
BELLSOUTH TELECOMMUNICATIONS, INC.  
Interconnection Agreements  
WITH DUKENET COMMUNICATIONS, INC.

IN THE MATTER OF THE APPROVAL OF THE COLLOCATION AGREEMENT  
NEGOTIATED BY BELLSOUTH TELECOMMUNICATIONS, INC. AND DUKENET  
COMMUNICATIONS, INC. PURSUANT TO SECTION 252(E) OF THE  
TELECOMMUNICATIONS ACT OF 1996

SEQ NBR	ENTRY DATE	REMARKS
0001	12/08/1999	Application.
0002	12/10/1999	Acknowledgement letter.
0003	01/05/2000	Final Order approving the negotiated agreement.



COMMONWEALTH OF KENTUCKY  
**PUBLIC SERVICE COMMISSION**  
730 SCHENKEL LANE  
POST OFFICE BOX 615  
FRANKFORT, KY. 40602  
(502) 564-3940

CERTIFICATE OF SERVICE

RE: Case No. 1999-491  
BELLSOUTH TELECOMMUNICATIONS, INC.

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on January 5, 2000.

Parties of Record:

Honorable Creighton E. Mershon  
General Counsel - Kentucky  
BellSouth Telecommunications, Inc.  
P. O. Box 32410  
Louisville, KY. 40232

CLEC Account Team  
BellSouth Telecommunications, Inc.  
9th Floor  
600 North 19th Street  
Birmingham, AL. 35203

Tony Cockerham  
DukeNet Communications, Inc.  
422 South Church Street  
Mail Code PB03R  
Charlotte, NC. 28201

*Stephanie Bell*  
Secretary of the Commission

SB/hv  
Enclosure

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPROVAL OF THE COLLOCATION )  
AGREEMENT NEGOTIATED BY )  
BELLSOUTH TELECOMMUNICATIONS, )  
INC. AND DUKENET ) CASE NO. 99-491  
COMMUNICATIONS, INC. PURSUANT )  
TO SECTIONS 251 AND 252 OF THE )  
TELECOMMUNICATIONS ACT OF 1996 )

O R D E R

On December 8, 1999, BellSouth Telecommunications, Inc. ("BellSouth") and DukeNet Communications, Inc. ("DukeNet") submitted to the Commission their negotiated agreement for collocation. The agreement was negotiated pursuant to the Telecommunications Act of 1996 ("1996 Act"), 47 U.S.C. Sections 251 and 252. Section 252(e) of the 1996 Act requires the parties to an interconnection agreement adopted by negotiation to submit the agreement for approval to the Commission.

The Commission has reviewed the agreement and finds that no portion of the agreement discriminates against a telecommunications carrier not a party to the agreement. The Commission also finds that the implementation of this agreement is consistent with the public interest, convenience, and necessity.

DukeNet must comply with all relevant Commission mandates for serving in this Commonwealth.

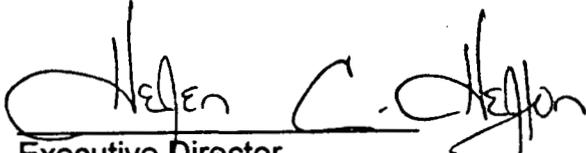
The Commission, having been otherwise sufficiently advised, HEREBY ORDERS  
that:

1. The negotiated agreement between BellSouth and DukeNet is approved.
2. DukeNet shall file a tariff for local service prior to providing local service giving 30 days' notice to the Commission and shall comply with all Commission regulations and orders as directed.

Done at Frankfort, Kentucky, this 5th day of January, 2000.

By the Commission

ATTEST:

  
Executive Director



COMMONWEALTH OF KENTUCKY  
**PUBLIC SERVICE COMMISSION**

730 SCHENKEL LANE  
POST OFFICE BOX 615  
FRANKFORT, KY. 40602  
(502) 564-3940

December 10, 1999

Honorable Creighton E. Mershon  
General Counsel - Kentucky  
BellSouth Telecommunications, Inc.  
P. O. Box 32410  
Louisville, KY. 40232

CLEC Account Team  
BellSouth Telecommunications, Inc.  
9th Floor  
600 North 19th Street  
Birmingham, AL. 35203

Tony Cockerham  
DukeNet Communications, Inc.  
422 South Church Street  
Mail Code PB03R  
Charlotte, NC. 28201

RE: Case No. 1999-491  
BELLSOUTH TELECOMMUNICATIONS, INC.  
(Interconnection Agreements) WITH DUKENET COMMUNICATIONS, INC.

This letter is to acknowledge receipt of initial application in the above case. The application was date-stamped received December 8, 1999 and has been assigned Case No. 1999-491. In all future correspondence or filings in connection with this case, please reference the above case number.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,

Stephanie Bell  
Secretary of the Commission

SB/jc



BellSouth Telecommunications, Inc. 502 582-8219  
P. O. Box 32410 Fax 502 582-1573  
Louisville, Kentucky 40232 Internet  
or Creighton.E.Mershon@bridge.bellsouth.com

Creighton E. Mershon, Sr.  
General Counsel - Kentucky

BellSouth Telecommunications, Inc.  
601 West Chestnut Street, Room 407  
Louisville, Kentucky 40203

December 6, 1999

RECEIVED

DEC 08 1999

PUBLIC SERVICE  
COMMISSION

Helen C. Helton  
Executive Director  
Public Service Commission  
730 Schenkel Lane  
P. O. Box 615  
Frankfort, KY 40602

CASE 99-491

Re: Approval of the Collocation Agreement Negotiated by BellSouth Telecommunications, Inc. ("BellSouth") and DukeNet Communications, Inc. pursuant to Section 252(e) of the Telecommunications Act of 1996

Dear Helen:

Pursuant to section 252(e) of the Telecommunications Act of 1996, BellSouth and DukeNet Communications, Inc. are submitting to the Kentucky Public Service Commission their negotiated agreement for collocation.

Six copies of the agreement and eight copies of the transmittal letter are filed. The two extra copies of the letter are provided for Matt Rhody and Becky Dotson.

Please add the following to the service list for this matter: Creighton E. Mershon, Sr., BellSouth Telecommunications, Inc., P. O. Box 32410, Louisville, KY 40232; BellSouth Telecommunications, Inc., CLEC Account Team, 9th Floor, 600 N. 19th Street, Birmingham, AL 35203; and DukeNet Communications, Inc., Tony Cockerham, 422 South Church Street, Mail Code PB03R, Charlotte, NC 28201.

Pursuant to section 252(e) of the Act, the Commission is charged with approving or rejecting the collocation agreement between BellSouth and DukeNet Communications, Inc. within 90 days of its submission. The Commission may only reject such an agreement if it finds that the agreement or any portion of the agreement discriminates against a telecommunications carrier not a party to the agreement or the implementation of the agreement or any portion of the agreement is not consistent with the public interest, convenience and necessity. Both parties represent that neither of these reasons exist as to the agreement they have negotiated and that the Commission should approve their agreement.

Sincerely,

Creighton E. Mershon, Sr.

Enclosure

cc: Tony Cockerham, DukeNet Communications, Inc. (letter only)

188672

**ATTACHMENT TO TRANSMITTAL LETTER**

The Agreement entered into by and between DukeNet and BellSouth Telecommunications, Inc., dated 11/22/99, for the state(s) of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee consists of the following:

ITEM	NO. PAGES
Title Page	1
Table of Contents	NA
General Terms and Conditions	NA
Attachment 1	NA
Attachment 2	NA
Attachment 3	NA
Attachment 4	NA
Attachment 5	NA
Attachment 6	NA
Attachment 7	NA
Attachment 8	NA
Attachment 9	NA
Attachment 10	NA
TOTAL	63

**Collocation Agreement**

**By and Between**

**BellSouth Telecommunications, Inc.**

**and**

**DukeNet Communications, Inc.**

**BELLSOUTH PHYSICAL COLLOCATION  
MASTER AGREEMENT**

THIS AGREEMENT, made this 22 day of November, 19 99, by and between BellSouth Telecommunications, Inc., ("BellSouth") a corporation organized and existing under the laws of the State of Georgia, and DukeNet Communications, Inc. ("DukeNet") a (corporation) organized and existing under the laws of North Carolina;

**WITNESSETH**

WHEREAS, DukeNet is a telecommunications carrier and wishes to occupy BellSouth Central Office Collocation Space as defined herein for the purpose of interconnection to BellSouth's facilities;

WHEREAS, BellSouth has space available in its Central Office(s) which DukeNet desires to utilize; and

WHEREAS, BellSouth is willing to make such space available to DukeNet within its Central Office(s) subject to all terms and conditions of this Agreement;

NOW THEREFORE, in consideration of the mutual agreements and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto agree as follows:

**1. SCOPE OF AGREEMENT**

1.1 Scope of Agreement. The rates, terms, and conditions contained within this Agreement shall only apply when DukeNet is occupying the collocation space as a sole occupant or as a Host pursuant to Section 4.

1.2 Right to occupy. Subject to Section 4 of this Agreement, BellSouth hereby grants to DukeNet a right to occupy that certain area designated by BellSouth within a BellSouth central office premises, of a size which is specified by DukeNet and agreed to by BellSouth (hereinafter "Collocation Space"). Notwithstanding the foregoing, BellSouth shall consider in its designation for cageless collocation any unused space within the BellSouth central office premises. The size specified by DukeNet may contemplate a request for space sufficient to accommodate DukeNet's growth within a two year period unless otherwise agreed to by the Parties.

1.2.1 Space Reclamation. In the event of space exhaust within a central office premises, DukeNet may be required to release space to BellSouth to be allocated to other physical collocation applicants when a minimum of fifty percent of the total amount of space in DukeNet's collocation arrangement is not being utilized within the first year of operation, or 100% of the total amount of space by the end of the second year of operation.

1.3 Use of Space. DukeNet shall use the Collocation Space for the purposes of installing, maintaining and operating DukeNet's equipment (to include testing and monitoring equipment) used or useful primarily to interconnect with BellSouth services and facilities, including access to unbundled network elements, for the provision of telecommunications

services. Pursuant to Section 5 following, DukeNet may at its option, place DukeNet-owned fiber entrance facilities to the Collocation Space. In addition to, and not in lieu of, interconnection to BellSouth services and facilities, DukeNet may connect to other interconnectors within the designated BellSouth Central Office (including to its other virtual or physical collocated arrangements) through co-carrier cross connect facilities designated by DukeNet pursuant to section 5.6 following. The Collocation Space may be used for no other purposes except as specifically described herein or authorized in writing by BellSouth.

1.4 Rates and charges. DukeNet agrees to pay the rates and charges identified at Exhibit A attached hereto.

1.5 Term. The term of this Agreement shall be for an initial period of two (2) years, beginning on the Agreement date stated above and ending two (2) years later on the month and day corresponding to such date.

## 2. SPACE NOTIFICATION

2.1 Availability of Space. Upon submission of an application pursuant to Section 6, BellSouth will permit DukeNet to physically collocate, pursuant to the terms of this Agreement, at any BellSouth central office premises, unless BellSouth has determined that there is no space available due to space limitations or no space available due to technical infeasibility. BellSouth will respond to an application within ten (10) business days as to whether space is available or not available within a BellSouth central office premises.

2.2 Reporting. Upon request from DukeNet, BellSouth will provide a written report specifying the amount of collocation space available at the central office premises requested, the number of collocators present at the central office premises, any modifications in the use of the space since the last report or the central office premises requested and the measures BellSouth is taking to make additional space available for collocation arrangements.

2.2.1 The request from DukeNet must be written and must include the central office premises and Common Language Location Identification (CLLI) code of the central office premises. Such information regarding central office premises and CLLI code is located in the National Exchange Carriers Association (NECA) Tariff FCC No. 4.

2.2.2 BellSouth will respond to a request for a particular Central Office location within ten (10) business days of receipt of such request. BellSouth will make best efforts to respond in ten (10) business days to such a request when the request includes up to and including five (5) Central Office locations within the same state. The response time for requests of more than five (5) shall be negotiated between the Parties. If BellSouth cannot meet the ten business day response time, BellSouth shall notify DukeNet and inform DukeNet of the time frame under which it can respond.

2.3 Denial of Application. After notifying DukeNet that BellSouth has no available space in the requested Central Office ("Denial of Application"), BellSouth will allow DukeNet, upon request, to tour the entire Central Office within ten (10) business days of such Denial of Application. In order to schedule said tour within ten (10) business days, the request for a tour of the Central Office must be received by BellSouth within five (5) business days of the Denial of Application.

2.4 Filing of Petition for Waiver. Upon Denial of Application BellSouth will timely file a petition with the Commission pursuant to 47 U.S.C. § 251(c)(6).

2.5 Waiting List. On a first come first served basis, BellSouth will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the central office premises is out of space, have submitted a Letter of Intent to collocate. BellSouth will notify the telecommunications carriers on the waiting list when space becomes available according to how much space becomes available and the position of telecommunications carrier on said waiting list. Upon request BellSouth will advise DukeNet as to its position on the list.

2.6 Public Notification. BellSouth will maintain on its Interconnection Services website a notification document that will indicate all central office premises that are without available space. BellSouth shall update such document within ten (10) business days of the Denial of Application date. BellSouth will also post a document on its Interconnection Services website that contains a general notice where space has become available in a Central Office previously on the space exhaust list. BellSouth shall allocate said available space pursuant to the waiting list referenced in Section 2.5.

2.7 State Agency Procedures. Notwithstanding the foregoing, should any state regulatory agency impose a procedure different than procedures set forth in this section, that procedure shall supersede the requirements set forth herein.

### 3. COLLOCATION OPTIONS

3.1 Cageless. Except where local building code does not allow cageless collocation, BellSouth shall allow DukeNet to collocate DukeNet's equipment and facilities without requiring the construction of a cage or similar structure and without requiring the creation of a separate entrance to the Collocation Space. BellSouth shall allow DukeNet to have direct access to its equipment and facilities but may require DukeNet to use a central entrance to the BellSouth Central Office. BellSouth shall make cageless collocation available in single bay increments pursuant to Section 7. Except where DukeNet's equipment requires special technical considerations (e.g., special cable racking, isolated ground plane), BellSouth shall assign cageless Collocation Space in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, DukeNet must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in BellCore (Telcordia) GR-63-Core and shall be responsible for constructing all special technical requirements associated with such equipment pursuant to Section 6.5 following.

3.2 Cages and Adjacent Arrangement Enclosures. BellSouth shall authorize the enclosure of DukeNet's equipment and facilities at DukeNet's option or if required by local building code. DukeNet must arrange with a BellSouth certified contractor to construct a collocation arrangement enclosure in accordance with BellSouth's guidelines and specifications and at its sole expense. BellSouth will provide guidelines and specifications upon request. Where local building codes require enclosure specifications more stringent than BellSouth's standard enclosure specification, DukeNet and DukeNet's BellSouth certified contractor must comply with local building code requirements. DukeNet's BellSouth certified contractor shall be

responsible for filing and receiving any and all necessary permits and/or licenses for such construction. The Certified Vendor shall bill DukeNet directly for all work performed for DukeNet pursuant to this Agreement and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the Certified Vendor. DukeNet must provide the local BellSouth building contact with two Access Keys used to enter the locked enclosure. Except in case of emergency, BellSouth will not access DukeNet's locked enclosure prior to notifying DukeNet.

3.2.1 BellSouth has the right to review DukeNet's plans and specifications prior to allowing construction to start. BellSouth has the right to inspect the enclosure after construction to make sure it is designed and constructed according to BellSouth's guidelines and specifications and to require DukeNet to remove or correct at DukeNet's cost any structure that does not meet these standards.

3.3 Shared (Subleased) Caged Collocation. DukeNet may allow other telecommunications carriers to share DukeNet's caged collocation arrangement pursuant to terms and conditions agreed to by DukeNet ("Host") and other telecommunications carriers ("Guests") and pursuant to this section with the following exceptions: (1) where local building code does not allow Shared (Subleased) Caged Collocation and (2) where the BellSouth central office premises is located within a leased space and BellSouth is prohibited by said lease from offering such an option. The terms and conditions of the agreement between the Host and its Guests shall be written and a copy provided to the BellSouth contact specified in Section 15 within ten (10) business days of its execution and prior to any Firm Order. Further, said agreement shall incorporate by reference the rates, terms, and conditions of this Agreement between BellSouth and DukeNet.

3.3.1 DukeNet shall be the sole interface and responsible party to BellSouth for the purpose of submitting applications for initial and additional equipment placements of Guest; for assessment of rates and charges contained within this Agreement; and for the purposes of ensuring that the safety and security requirements of this Agreement are fully complied with by the Guest, its employees and agents. The initial Guest application shall require the assessment of an Application Fee, as set forth in Exhibit A. Notwithstanding the foregoing, Guest may arrange directly with BellSouth for the provision of the interconnecting facilities between BellSouth and Guest and for the provisions of the services and access to unbundled network elements.

3.3.2 DukeNet shall indemnify and hold harmless BellSouth from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of DukeNet's Guests in the Collocation Space.

3.4 Adjacent Collocation. BellSouth will provide adjacent collocation arrangements ("Adjacent Arrangement") where space within the Central Office is legitimately exhausted, subject to technical feasibility, where the Adjacent Arrangement does not interfere with access to existing or planned structures or facilities on the Central Office property and where permitted by zoning and other applicable state and local regulations. The Adjacent Arrangement shall be constructed or procured by DukeNet and in conformance with BellSouth's design and construction specifications. Further, DukeNet shall construct, procure, maintain and operate said Adjacent Arrangement(s) pursuant to all of the terms and conditions set forth in this Agreement. Rates shall be negotiated at the time of the request for Adjacent Collocation.

3.4.1 Should DukeNet elect such option, DukeNet must arrange with a BellSouth certified contractor to construct an Adjacent Arrangement structure in accordance with BellSouth's guidelines and specifications. BellSouth will provide guidelines and specifications upon request. Where local building codes require enclosure specifications more stringent than BellSouth's standard specification, DukeNet and DukeNet's contractor must comply with local building code requirements. DukeNet's contractor shall be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for such construction. DukeNet's BellSouth Certified Vendor shall bill DukeNet directly for all work performed for DukeNet pursuant to this Agreement and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the Certified Vendor. DukeNet must provide the local BellSouth building contact with two cards, keys or other access device used to enter the locked enclosure. Except in cases of emergency, BellSouth shall not access DukeNet's locked enclosure prior to notifying DukeNet.

3.4.2 BellSouth maintains the right to review DukeNet's plans and specifications prior to construction of an Adjacent Arrangement(s). BellSouth may inspect the Adjacent Arrangement(s) following construction and prior to commencement, as defined in Section 4.1 following, to ensure the design and construction comply with BellSouth's guidelines and specifications. BellSouth may require DukeNet, at DukeNet's sole cost, to correct any deviations from BellSouth's guidelines and specifications found during such inspection(s), up to and including removal of the Adjacent Arrangement, within five (5) business days of BellSouth's inspection, unless the Parties mutually agree to an alternative time frame.

3.4.3 DukeNet shall provide a concrete pad, the structure housing the arrangement, HVAC, lighting, and all facilities that connect the structure (i.e. racking, conduits, etc.) to the BellSouth point of interconnection. At DukeNet's option, BellSouth shall provide an AC power source and access to physical collocation services and facilities subject to the same nondiscriminatory requirements as applicable to any other physical collocation arrangement.

3.4.4 BellSouth shall allow Shared (Subleased) Caged Collocation within an Adjacent Arrangement pursuant to the terms and conditions set forth in Section 3.3 preceeding.

#### **4. OCCUPANCY**

4.1 Commencement Date. The "Commencement Date" shall be the day DukeNet's equipment becomes operational as described in Article 4.2, following.

4.2 Occupancy. BellSouth will notify DukeNet in writing that the Collocation Space is ready for occupancy. DukeNet must place operational telecommunications equipment in the Collocation Space and connect with BellSouth's network within one hundred eighty (180) days after receipt of such notice. DukeNet must notify BellSouth in writing that collocation equipment installation is complete and is operational with BellSouth's network. BellSouth may, at its option, not accept orders for interconnected service until receipt of such notice. If DukeNet fails to place operational telecommunications equipment in the Collocation Space within 180 calendar days and such failure continues for a period of thirty (30) days after receipt of written notice from BellSouth, then and in that event DukeNet's right to occupy the Collocation Space terminates and BellSouth shall have no further obligations to DukeNet with respect to said Collocation Space. Termination of DukeNet's rights to the Collocation Space pursuant to this

paragraph shall not operate to release DukeNet from its obligation to reimburse BellSouth for all costs reasonably incurred by BellSouth in preparing the Collocation Space, but rather such obligation shall survive this Agreement. For purposes of this paragraph, DukeNet's telecommunications equipment will be deemed operational when cross-connected to BellSouth's network for the purpose of service provision.

4.3 Termination. Except where otherwise agreed to by the Parties, DukeNet may terminate occupancy in a particular Collocation Space upon thirty (30) days prior written notice to BellSouth. Upon termination of such occupancy, DukeNet at its expense shall remove its equipment and other property from the Collocation Space. DukeNet shall have thirty (30) days from the termination date to complete such removal, including the removal of all equipment and facilities of DukeNet's Guests; provided, however, that DukeNet shall continue payment of monthly fees to BellSouth until such date as DukeNet has fully vacated the Collocation Space. Should DukeNet fail to vacate the Collocation Space within thirty (30) days from the termination date, BellSouth shall have the right to remove the equipment and other property of DukeNet at DukeNet's expense and with no liability for damage or injury to DukeNet's property unless caused by the gross negligence or intentional misconduct of BellSouth. Upon expiration of this Agreement, DukeNet shall surrender the Collocation Space to BellSouth in the same condition as when first occupied by the DukeNet except for ordinary wear and tear. DukeNet shall be responsible for the cost of removing any enclosure, together with all support structures (e.g., racking, conduits), of an Adjacent Collocation arrangement at the termination of occupancy and restoring the grounds to their original condition.

## 5. USE OF COLLOCATION SPACE

5.1 Equipment Type. BellSouth permits the collocation of any type of equipment used or useful for interconnection to BellSouth's network or for access to unbundled network elements in the provision of telecommunications services. Such equipment used or useful for interconnection and access to unbundled network elements includes, but is not limited to transmission equipment including, but not limited to, optical terminating equipment and multiplexers, and digital subscriber line access multiplexers, routers, asynchronous transfer mode multiplexers, and remote switching modules. Nothing in this section requires BellSouth to permit collocation of equipment used solely to provide enhanced services; provided, however, that BellSouth may not place any limitations on the ability of requesting carriers to use all the features, functions, and capabilities of equipment collocated pursuant to this section.

5.1.1 Such equipment must at a minimum meet the following BellCore (Telcordia) Network Equipment Building Systems (NEBS) General Equipment Requirements: Criteria Level 1 requirements as outlined in the BellCore (Telcordia) Special Report SR-3580, Issue 1; equipment design spatial requirements per GR-63-CORE, Section 2; thermal heat dissipation per GR-063-CORE, Section 4, Criteria 77-79; acoustic noise per GR-063-CORE, Section 4, Criterion 128, and National Electric Code standards.

5.1.2 DukeNet shall not use the Collocation Space for marketing purposes nor shall it place any identifying signs or markings in the area surrounding the Collocation Space or on the grounds of the central office premises.

5.1.3 DukeNet shall place a plaque or other identification affixed to DukeNet's equipment necessary to identify DukeNet's equipment, including a list of emergency contacts with telephone numbers.

5.2 Entrance Facilities. DukeNet may elect to place DukeNet-owned or DukeNet-leased fiber entrance facilities into the Collocation Space. BellSouth will designate the point of interconnection in close proximity to the Central Office building housing the Collocation Space, such as an entrance manhole or a cable vault which are physically accessible by both parties. DukeNet will provide and place fiber cable at the point of interconnection of sufficient length to be pulled through conduit and into the splice location. DukeNet will provide and install a sufficient length of fire retardant riser cable, to which the entrance cable will be spliced, which will extend from the splice location to the DukeNet's equipment in the Collocation Space. In the event DukeNet utilizes a non-metallic, riser-type entrance facility, a splice will not be required. DukeNet must contact BellSouth for instructions prior to placing the entrance facility cable in the manhole. DukeNet is responsible for maintenance of the entrance facilities. At DukeNet's option BellSouth will accommodate where technically feasible a microwave entrance facility pursuant to separately negotiated terms and conditions.

5.2.1 Dual Entrance. BellSouth will provide at least two interconnection points at each central office premises where there are at least two such interconnection points available and where capacity exists. Upon receipt of a request for physical collocation under this Agreement, BellSouth shall provide DukeNet with information regarding BellSouth's capacity to accommodate dual entrance facilities. If conduit in the serving manhole(s) is available and is not reserved for another purpose for utilization within 12 months of the receipt of an application for collocation, BellSouth will make the requested conduit space available for installing a second entrance facility to DukeNet's arrangement. The location of the serving manhole(s) will be determined at the sole discretion of BellSouth. Where dual entrance is not available due to lack of capacity, BellSouth will so state in the Application Response.

5.2.2 Shared Use. DukeNet may utilize spare capacity on an existing Interconnector entrance facility for the purpose of providing an entrance facility to another DukeNet collocation arrangement within the same BellSouth Central Office. DukeNet must arrange with BellSouth for BellSouth to splice the utilized entrance facility capacity to DukeNet-provided riser cable.

5.3 Splicing in the Entrance Manhole. Although not generally permitted, should DukeNet request a splice to occur in the entrance manhole(s), BellSouth, at its sole discretion, may grant such a request, provided that BellSouth will not unreasonably withhold approval of requests to make such a splice. When the request for a splice is granted to DukeNet by BellSouth, DukeNet shall ensure its employees or agents entering and/or performing work in the entrance manhole(s) are trained and comply with BellSouth procedures and OSHA requirements regarding access to manholes and that BellSouth personnel are notified and present for all entrances and work performed in the entrance manhole(s). Manhole covers shall be properly closed and secured at the conclusion of entry and/or work. Advance notification to BellSouth shall occur at a minimum of 48 hours prior to desired entry for normal work activities and at a minimum of 2 hours prior to desired entry in an out of service condition.

5.4 Demarcation Point. BellSouth will designate the point(s) of interconnection between DukeNet's equipment and/or network and BellSouth's network. Each party will be responsible for maintenance and operation of all equipment/facilities on its side of the

demarcation point. For 2-wire and 4-wire connections to BellSouth's network, the demarcation point shall be a common block on the BellSouth designated conventional distributing frame. DukeNet shall be responsible for providing, and DukeNet's BellSouth Certified Vendor shall be responsible for installing and properly labeling/stenciling, the common block, and necessary cabling pursuant to Section 6.4. For all other terminations BellSouth shall designate a demarcation point on a per arrangement basis. DukeNet or its agent must perform all required maintenance to equipment/facilities on its side of the demarcation point, pursuant to subsection 5.5, following, and may self-provision cross-connects that may be required within the collocation space to activate service requests. At DukeNet's option, a Point of Termination (POT) bay or frame may be placed in the Collocation Space.

5.5 DukeNet's Equipment and Facilities. DukeNet, or if required by this Agreement, DukeNet's BellSouth certified vendor, is solely responsible for the design, engineering, installation, testing, provisioning, performance, monitoring, maintenance and repair of the equipment and facilities used by DukeNet. Such equipment and facilities may include but are not limited to cable(s); equipment; and point of termination connections.

5.6 Co-Carrier Cross-connect. In addition to, and not in lieu of, obtaining interconnection with, or access to, BellSouth telecommunications services, unbundled network elements, and facilities, DukeNet may directly connect to other Interconnectors within the designated BellSouth Central Office (including to its other virtual or physical collocated arrangements) through facilities owned by DukeNet or through BellSouth facilities designated by DukeNet, at DukeNet's option. Such connections to other carriers may be made using either optical or electrical facilities. DukeNet may deploy such optical or electrical connections directly between its own facilities and the facilities of other Interconnector(s) without being routed through BellSouth equipment.

5.6.1 If DukeNet requests a co-Carrier cross-connect after the initial installation, DukeNet must submit an application with a Subsequent Application Fee. DukeNet must use a Certified Vendor to place the co-Carrier cross connect, except in cases where the DukeNet equipment and the equipment of the other Interconnector are located within contiguous collocation spaces. In cases where DukeNet's equipment and the equipment of the other Interconnector are located in contiguous collocation spaces, DukeNet will have the option to deploy the co-Carrier cross connects between the sets of equipment. Where cable support structure exists for such connection there will be a recurring charge per linear foot of support structure used. When cable support structures do not exist and must be constructed a non-recurring charge for the individual case will be assessed.

5.7 Easement Space. From time to time BellSouth may require access to the Collocation Space. BellSouth retains the right to access such space for the purpose of making BellSouth equipment and building modifications (e.g., running, altering or removing racking, ducts, electrical wiring, HVAC, and cables). BellSouth will give reasonable notice to DukeNet when access to the Collocation Space is required. DukeNet may elect to be present whenever BellSouth performs work in the Collocation Space. The Parties agree that DukeNet will not bear any of the expense associated with this work.

5.8 Access. Pursuant to Section 11, DukeNet shall have access to the Collocation Space twenty-four (24) hours a day, seven (7) days a week. DukeNet agrees to provide the name, social security number, and date of birth of each employee, contractor, or agents provided with Access Keys or cards ("Access Keys") prior to the issuance of said Access Keys.

Access Keys shall not be duplicated under any circumstances. DukeNet agrees to be responsible for all Access Keys and for the return of all said Access Keys in the possession of DukeNet employees, contractors, Guests, or agents after termination of the employment relationship, contractual obligation with DukeNet or upon the termination of this Agreement or the termination of occupancy of an individual collocation arrangement.

5.8.1 Lost or Stolen Access Keys. DukeNet shall notify BellSouth in writing immediately in the case of lost or stolen Access Keys. DukeNet will pay BellSouth \$250.00 per Access Key(s) lost or stolen. Should it become necessary for BellSouth to re-key buildings as a result of a lost Access Key(s) or for failure to return an Access Key(s), DukeNet shall pay for all reasonable costs associated with the re-keying.

5.9 Interference or Impairment. Notwithstanding any other provisions of this Agreement, equipment and facilities placed in the Collocation Space shall not interfere with or impair service provided by BellSouth or by any other Interconnector located in the Central Office; shall not endanger or damage the facilities of BellSouth or of any other Interconnector, the Collocation Space, or the Central Office; shall not compromise the privacy of any communications carried in, from, or through the Central Office; and shall not create an unreasonable risk of injury or death to any individual or to the public. If BellSouth reasonably determines that any equipment or facilities of DukeNet violates the provisions of this paragraph, BellSouth shall give written notice to DukeNet, which notice shall direct DukeNet to cure the violation within forty-eight (48) hours of DukeNet's actual receipt of written notice or, at a minimum, to commence curative measures within 24 hours and to exercise reasonable diligence to complete such measures as soon as possible thereafter. After receipt of the notice, the parties agree to consult immediately and, if necessary, to inspect the arrangement. If DukeNet fails to take curative action within 48 hours or if the violation is of a character which poses an immediate and substantial threat of damage to property, injury or death to any person, or interference/impairment of the services provided by BellSouth or any other interconnector, then and only in that event BellSouth may take such action as it deems appropriate to correct the violation, including without limitation the interruption of electrical power to DukeNet's equipment. BellSouth will endeavor, but is not required, to provide notice to DukeNet prior to taking such action and shall have no liability to DukeNet for any damages arising from such action, except to the extent that such action by BellSouth constitutes willful misconduct.

5.10 Personalty and its Removal. Subject to requirements of this Agreement, DukeNet may place or install in or on the Collocation Space such facilities and equipment, including storage for and spare equipment, as it deems desirable for the conduct of business; Provided that such equipment is telecommunications equipment, does not violate floor loading requirements, imposes or could impose or contains or could contain environmental conditions or hazards. Personal property, facilities and equipment placed by DukeNet in the Collocation Space shall not become a part of the Collocation Space, even if nailed, screwed or otherwise fastened to the Collocation Space, but shall retain their status as personalty and may be removed by DukeNet at any time. Any damage caused to the Collocation Space by DukeNet's employees, agents or representatives during the removal of such property shall be promptly repaired by DukeNet at its expense.

5.11 Alterations. In no case shall DukeNet or any person acting on behalf of DukeNet make any rearrangement, modification, improvement, addition, repair, or other alteration to the Collocation Space or the BellSouth Central Office without the written consent of BellSouth,

which consent shall not be unreasonably withheld. The cost of any such specialized alterations shall be paid by DukeNet.

5.12 Janitorial Service. DukeNet shall be responsible for the general upkeep and cleaning of the Caged Collocation Space and shall arrange directly with a BellSouth certified contractor for janitorial services. BellSouth shall provide a list of such contractors on a site-specific basis upon request.

## 6. ORDERING AND PREPARATION OF COLLOCATION SPACE

6.1 Application for Space. DukeNet shall submit an application document when DukeNet or DukeNet's Guest(s), as defined in Section 3.3, desires to request or modify the use of the Collocation Space.

6.1.1 Initial Application. For DukeNet or DukeNet's Guest(s) initial equipment placement, DukeNet shall submit to BellSouth a complete and accurate Application and Inquiry document (Bona Fide Application), together with payment of the Application Fee as stated in Exhibit A. The Bona Fide Application shall contain a detailed description and schematic drawing of the equipment to be placed in DukeNet's Collocation Space(s) and an estimate of the amount of square footage required.

6.1.2 Subsequent Application Fee. In the event DukeNet or DukeNet's Guest(s) desire to modify the use of the Collocation Space, DukeNet shall complete an Application document detailing all information regarding the modification to the Collocation Space together with payment of the minimum Subsequent Application Fee as stated in Exhibit A. Said minimum Subsequent Application Fee shall be considered a partial payment of the applicable Subsequent Application Fee which shall be calculated as set forth below. BellSouth shall determine what modifications, if any, to the Central Office premises are required to accommodate the change requested by DukeNet in the Application. Such necessary modifications to the Central Office premises may include but are not limited to, floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, and equipment additions. The fee paid by DukeNet for its request to modify the use of the Collocation Space shall be dependent upon the modification requested. Where the subsequent application does not require provisioning or construction work by BellSouth, no Subsequent Application Fee will be required and the pre-paid fee shall be refunded to DukeNet. The fee for an application where the modification requested has limited effect (e.g., does not require capital expenditure by BellSouth) shall be the Subsequent Application Fee as set forth in Exhibit A. All other modifications shall require a Subsequent Application Fee assessed at the applicable application fee. In the event such modifications require the assessment of a full Application Fee as set forth in Exhibit A, the outstanding balance shall be due by DukeNet within 30 calendar days following DukeNet's receipt of a bill or invoice from BellSouth.

6.2 Application Response. In addition to the notice of space availability pursuant to Section 2.1, BellSouth will respond within ten (10) business days of receipt of an Application whether the Application is Bona Fide, and if it is not Bona Fide, the items necessary to cause the Application to become Bona Fide. When space has been determined to be available, BellSouth will provide a comprehensive written response within thirty (30) business days of receipt of a complete application. When multiple applications are submitted within a fifteen

business day window, BellSouth will respond to the applications as soon as possible, but no later than the following: within thirty (30) business days for applications 1-5; within thirty-six (36) business days for applications 6-10; within forty-two (42) business days for applications 11-15. Response intervals for multiple applications submitted within the same timeframe for the same state in excess of 15 must be negotiated. All negotiations shall consider the total volume from all requests from telecommunications companies for collocation. The Application Response will detail whether the amount of space requested is available or if the amount of space requested is not available, the amount of space that is available. The response will also include the configuration of the space. When BellSouth's response includes an amount of space less than that requested by DukeNet or differently configured, DukeNet must amend its application to reflect the actual space available prior to submitting a Bona Fide Firm Order.

6.3 Bona Fide Firm Order. DukeNet shall indicate its intent to proceed with equipment installation in a BellSouth Central Office by submitting a Bona Fide Firm Order to BellSouth. A Bona Fide Firm Order requires DukeNet to complete the Application/Inquiry process described in Subsection 6.1, preceding, and submit the Expanded Interconnection Bona Fide Firm Order document (BSTEI-1P-F) indicating acceptance of the written application response provided by BellSouth ("Bona Fide Firm Order") and all appropriate fees. The Bona Fide Firm Order must be received by BellSouth no later than thirty (30) calendar days after BellSouth's response to DukeNet's Application/Inquiry. If DukeNet makes changes to its application in light of BellSouth's written Application Response, BellSouth will be required to re-evaluate and respond to the change(s). In this event, BellSouth's provisioning interval will not start until the re-evaluation and response to the change(s) is complete and the Bona Fide Firm Order is received by BellSouth and all appropriate fees and duties have been executed. If BellSouth needs to reevaluate DukeNet's application as a result of changes requested by DukeNet to DukeNet's original application, then BellSouth will charge DukeNet a fee based upon the additional engineering hours required to do the reassessment. Major changes such as requesting additional space or adding additional equipment may require DukeNet to resubmit the application with an application fee.

6.3.1 BellSouth will establish a firm order date, per request, based upon the date BellSouth is in receipt of a Bona Fide Firm Order. BellSouth will acknowledge the receipt of DukeNet's Bona Fide Firm Order within five (5) business days of receipt indicating that the Bona Fide Firm Order has been received. A BellSouth response to a Bona Fide Firm Order will include a Firm Order Confirmation containing the firm order date.

6.3.2 BellSouth will permit one accompanied site visit to DukeNet's designated collocation arrangement location after receipt of the Bona Fide Firm Order without charge to DukeNet.

6.3.3 Space preparation for the Collocation Space will not begin until BellSouth receives the Bona Fide Firm Order and all applicable fees.

6.3.4 DukeNet must submit to BellSouth the completed Access Control Request Form (RF-2906-C) for all employees or agents requiring access to the BellSouth Central Office a minimum of 30 calendar days prior to the date DukeNet desires access to the Collocation Space.

6.4 Construction and Provisioning Interval. BellSouth will negotiate construction and provisioning intervals per request on an individual case basis. Excluding the time interval

required to secure the appropriate government licenses and permits, BellSouth will use best efforts to complete construction for collocation arrangements under ordinary conditions as soon as possible and within a maximum of 90 business days from receipt of a complete and accurate Bona Fide Firm Order. Ordinary conditions are defined as space available with only minor changes to support systems required, such as but not limited to, HVAC, cabling and the power plant(s). Excluding the time interval required to secure the appropriate government licenses and permits, BellSouth will use best efforts to complete construction of all other collocation space ("extraordinary conditions") within 130 business days of the receipt of a complete and accurate Bona Fide Firm Order. Extraordinary conditions are defined to include but are not limited to major BellSouth equipment rearrangement or addition; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; environmental hazard or hazardous materials abatement.

6.4.1 Joint Planning Meeting. Unless otherwise agreed to by the Parties, a joint planning meeting or other method of joint planning between BellSouth and DukeNet will commence within a maximum of 15 business days from BellSouth's receipt of a Bona Fide Firm Order and the payment of agreed upon fees. At such meeting, the Parties will agree to the preliminary design of the Collocation Space and the equipment configuration requirements as reflected in the Application and affirmed in the Bona Fide Firm Order. The Collocation Space Completion time period will be provided to DukeNet during the joint planning meeting or as soon as possible thereafter. BellSouth will complete all design work following the joint planning meeting.

6.4.2 Permits. Each Party or its agents will diligently pursue filing for the permits required for the scope of work to be performed by that Party or its agents within 7 business days of the completion of finalized construction designs and specifications.

6.4.3 Acceptance Walk Through. DukeNet and BellSouth will complete an acceptance walk through of each Collocation Space requested from BellSouth by DukeNet. BellSouth will correct any deviations to DukeNet's original or jointly amended requirements within five (5) business days after the walk through, unless the Parties jointly agree upon a different time frame.

6.5 Use of Certified Vendor. DukeNet shall select a vendor which has been approved as a BellSouth Certified Vendor to perform all engineering and installation work required in the Collocation Space. In some cases, DukeNet must select separate BellSouth Certified Vendors for transmission equipment, switching equipment and power equipment. BellSouth shall provide DukeNet with a list of Certified Vendors upon request. The Certified Vendor(s) shall be responsible for installing DukeNet's equipment and components, installing co-carrier cross connects, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is complete, and notifying BellSouth's equipment engineers and DukeNet upon successful completion of installation. The Certified Vendor shall bill DukeNet directly for all work performed for DukeNet pursuant to this Agreement and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the Certified Vendor. BellSouth shall consider certifying DukeNet or any vendor proposed by DukeNet.

6.6 Alarm and Monitoring. BellSouth shall place environmental alarms in the Central Office for the protection of BellSouth equipment and facilities. DukeNet shall be responsible for placement, monitoring and removal of environmental and equipment alarms used to service

DukeNet's Collocation Space. Upon request, BellSouth will provide DukeNet with applicable tariffed service(s) to facilitate remote monitoring of collocated equipment by DukeNet. Both parties shall use best efforts to notify the other of any verified environmental hazard known to that party. The parties agree to utilize and adhere to the Environmental Hazard Guidelines identified as Exhibit B attached hereto.

6.7 Basic Telephone Service. Upon request of DukeNet, BellSouth will provide basic telephone service to the Collocation Space under the rates, terms and conditions of the current tariff offering for the service requested.

6.8 Space Preparation. BellSouth shall pro rate the costs of any renovation or upgrade to Central Office space or support mechanisms which is required to accommodate physical collocation. DukeNet's pro rated share will be calculated by multiplying such cost by a percentage equal to the amount of square footage occupied by DukeNet divided by the total Central Office square footage receiving renovation or upgrade. For this section, support mechanisms provided by BellSouth may include, but not be limited to heating/ventilation/air conditioning (HVAC) equipment, HVAC duct work, cable support structure, fire wall(s), mechanical upgrade, asbestos abatement, or ground plane addition. Such renovation or upgrade will be evaluated and the charges assessed on a per Central Office basis. BellSouth will reimburse DukeNet in an amount equal to DukeNet reasonable, demonstrative and mitigated expenditures incurred as a direct result of delays to the completion and turnover dates caused by BellSouth.

6.9 Virtual Collocation Transition. BellSouth offers Virtual Collocation pursuant to the rates, terms and conditions set forth in its F.C.C. Tariff No. 1. For the interconnection to BellSouth's network and access to BellSouth unbundled network elements, DukeNet may purchase 2-wire and 4-wire Cross-Connects as set forth in Exhibit A, and DukeNet may place within its Virtual Collocation arrangements the telecommunications equipment set forth in Section 5.1. In the event physical collocation space was previously denied at a location due to technical reasons or space limitations, and that physical collocation space has subsequently become available, DukeNet may transition its virtual collocation arrangements to physical collocation arrangements and pay the appropriate non-recurring fees for physical collocation and for the rearrangement or reconfiguration of services terminated in the virtual collocation arrangement. In the event that BellSouth knows when additional space for physical collocation may become available at the location requested by DukeNet, such information will be provided to DukeNet in BellSouth's written denial of physical collocation. To the extent that (i) physical collocation space becomes available to DukeNet within 180 days of BellSouth's written denial of DukeNet's request for physical collocation, and (ii) DukeNet was not informed in the written denial that physical collocation space would become available within such 180 days, then DukeNet may transition its virtual collocation arrangement to a physical collocation arrangement and will receive a credit for any nonrecurring charges previously paid for such virtual collocation credit for any DukeNet must arrange with a BellSouth certified vendor for the relocation of equipment from its virtual collocation space to its physical collocation space and will bear the cost of such relocation.

6.10 Cancellation. If, at anytime, DukeNet cancels its order for the Collocation Space(s), DukeNet will reimburse BellSouth for any expenses incurred up to the date that written notice of the cancellation is received. In no event will the level of reimbursement under this paragraph exceed the maximum amount DukeNet would have otherwise paid for work undertaken by BellSouth if no cancellation of the order had occurred.

6.11 Licenses. DukeNet, at its own expense, will be solely responsible for obtaining from governmental authorities, and any other appropriate agency, entity, or person, all rights, privileges, and licenses necessary or required to operate as a provider of telecommunications services to the public or to occupy the Collocation Space.

## 7. RATES AND CHARGES

7.1 Non-recurring Fees. In addition to the Application Fee referenced in Section 6, preceding, DukeNet shall remit payment of a Cable Installation Fee and one-half (1/2) of the estimated Space Preparation Fee, as applicable, coincident with submission of a Bona Fide Firm Order. The outstanding balance of the actual Space Preparation Fee shall be due thirty (30) calendar days following DukeNet's receipt of a bill or invoice from BellSouth. Once the installation of the initial equipment arrangement is complete, a subsequent application fee may apply (as described in Subsection 7.4, when DukeNet requests a modification to the arrangement.

7.2 Documentation. BellSouth shall provide documentation to establish the actual Space Preparation Fee. The Space Preparation Fee will be pro rated as prescribed in Section 6, preceding.

7.3 Cable Installation. Cable Installation Fee(s) are assessed per entrance fiber placed.

7.4 Floor Space. The floor space charge includes reasonable charges for lighting, heat, air conditioning, ventilation and other allocated expenses associated with maintenance of the Central Office but does not include amperage necessary to power DukeNet's equipment. When the Collocation Space is enclosed, DukeNet shall pay floor space charges based upon the number of square feet so enclosed. When the Collocation Space is not enclosed, DukeNet shall pay floor space charges based upon the following floor space calculation: [(depth of the equipment lineup in which the rack is placed) + (0.5 x maintenance aisle depth) + (0.5 x wiring aisle depth)] X (width of rack and spacers). For purposes of this calculation, the depth of the equipment lineup shall consider the footprint of equipment racks plus any equipment overhang. BellSouth will assign unenclosed Collocation Space in conventional equipment rack lineups where feasible. In the event DukeNet's collocated equipment requires special cable racking, isolated grounding or other treatment which prevents placement within conventional equipment rack lineups, DukeNet shall be required to request an amount of floor space sufficient to accommodate the total equipment arrangement. Floor space charges are due beginning with the date on which BellSouth releases the Collocation Space for occupancy or on the date DukeNet first occupies the Collocation Space, whichever is sooner.

7.5 Power. BellSouth shall supply -48 Volt (-48V) DC power for DukeNet's Collocation Space within the central office premises and shall make available AC power at DukeNet's option for Adjacent Arrangement collocation.

7.5.1 Charges for -48V DC power will be assessed per ampere per month based upon the certified vendor engineered and installed power feed fused ampere capacity. Rates include redundant feeder fuse positions (A&B) and cable rack to DukeNet's equipment or space enclosure. When obtaining power from a BellSouth Battery Distribution Fuse Bay, fuses

and power cables (A&B) must be engineered (sized), and installed by DukeNet's certified vendor. When obtaining power from a BellSouth Power Board, power cables (A&B) must be engineered (sized), and installed by DukeNet's certified power vendor. DukeNet's certified vendor must also provide a copy of the engineering power specification prior to the Commencement Date. In the event BellSouth shall be required to construct additional DC power plant or upgrade the existing DC power plant in a Central Office as a result of DukeNet's request to collocate in that Central Office ("Power Plant Construction"), DukeNet shall pay its pro-rata share of costs associated with the Power Plant Construction. The determination of whether Power Plant Construction is necessary shall be within BellSouth's sole, but reasonable, discretion. BellSouth shall comply with all BellCore (Telcordia) and ANSI Standards regarding power cabling, including BellCore (Telcordia) Network Equipment Building System (NEBS) Standard GR-63-CORE. BellSouth will notify DukeNet of the need for the Power Plant Construction and will estimate the costs associated with the Power Plant Construction if BellSouth were to perform the Power Plant Construction. The costs of power plant construction shall be pro-rated and shared among all who benefit from that construction. DukeNet shall pay BellSouth one-half of its prorata share of the estimated Power Plant Construction costs prior to commencement of the work. DukeNet shall pay BellSouth the balance due (actual cost less one-half of the estimated cost) within thirty (30) days of completion of the Power Plant Construction. DukeNet has the option to perform the Power Plant Construction itself; provided, however, that such work shall be performed by a BellSouth certified contractor and such contractor shall comply with BellSouth's guidelines and specifications. Where the Power Plant Construction results in construction of a new power plant room, upon termination of this Agreement DukeNet shall have the right to remove its equipment from the power plant room, but shall otherwise leave the room intact. Where the Power Plant Construction results in an upgrade to BellSouth's existing power plant, upon termination of this Agreement, such upgrades shall become the property of BellSouth.

7.5.2 Charges for AC power will be assessed per breaker ampere per month based upon the certified vendor engineered and installed power feed fused ampere capacity. Rates include the provision of commercial and standby AC power. When obtaining power from a BellSouth Service Panel, fuses and power cables must be engineered (sized), and installed by DukeNet's certified vendor. DukeNet's certified vendor must also provide a copy of the engineering power specification prior to the Commencement Date. Charges for AC power shall be assessed pursuant to the rates specified in Exhibit A. AC power voltage and phase ratings shall be determined on a per location basis.

7.6 Security Escort. A security escort will be required whenever DukeNet or its approved agent desires access to the entrance manhole or must have access to the Central Office Premises after the one accompanied site visit allowed pursuant to subsection 6.3.2 prior to completing BellSouth's Security Training requirements and/or prior to Space Acceptance. Rates for a security escort are assessed in one-half (1/2) hour increments according to the schedule appended hereto as Exhibit A.

7.7 Rate "True-Up." The Parties agree that the prices reflected as interim herein shall be "trued-up" (up or down) based on final prices either determined by further agreement or by final order, including any appeals, in a proceeding involving BellSouth before the regulatory authority for the state in which the services are being performed or any other body having jurisdiction over this agreement (hereinafter "Commission"). Under the "true-up" process, the interim price for each service shall be multiplied by the volume of that service purchased to arrive at the total interim amount paid for that service ("Total Interim Price"). The final price for

that service shall be multiplied by the volume purchased to arrive at the total final amount due ("Total Final Price"). The Total Interim Price shall be compared with the Total Final Price. If the Total Final Price is more than the Total Interim Price, DukeNet shall pay the difference to BellSouth. If the Total Final Price is less than the Total Interim Price, BellSouth shall pay the difference to DukeNet. Each party shall keep its own records upon which a "true-up" can be based and any final payment from one party to the other shall be in an amount agreed upon by the Parties based on such records. In the event of any disagreement as between the records or the Parties regarding the amount of such "true-up," the Parties agree that the Commission shall be called upon to resolve such differences.

7.8 Other. If no rate is identified in the contract, the rate for the specific service or function will be negotiated by the parties upon request by either party. Payment of all other charges under this Agreement shall be due thirty (30) days after receipt of the bill (payment due date). DukeNet will pay a late payment charge of one and one-half percent (1-1/2%) assessed monthly on any balance which remains unpaid after the payment due date.

## 8. INSURANCE

8.1 DukeNet shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Article VI and underwritten by insurance companies licensed to do business in the states applicable under this Agreement and having a BEST Insurance Rating of B ++ X (B ++ ten).

8.2 DukeNet shall maintain the following specific coverage:

8.2.1 Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an ADDITIONAL INSURED on ALL applicable policies as specified herein.

8.2.2 Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.

8.2.3 DukeNet may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.

8.3 The limits set forth in Subsection 8.2 above may be increased by BellSouth from time to time during the term of this Agreement upon thirty (30) days notice to DukeNet to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.

8.4 All policies purchased by DukeNet shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by BellSouth. All insurance must be in effect on or before the date equipment is delivered to BellSouth's Central Office and shall remain in effect for the term of this Agreement or until all DukeNet's property has been removed from BellSouth's Central Office, whichever period is longer. If DukeNet fails to maintain

required coverage, BellSouth may pay the premiums thereon and seek reimbursement of same from DukeNet.

8.5 DukeNet shall submit certificates of insurance reflecting the coverage required pursuant to this Section a minimum of ten (10) days prior to the commencement of any work in the Collocation Space. Failure to meet this interval may result in construction and equipment installation delays. DukeNet shall arrange for BellSouth to receive thirty (30) days advance notice of cancellation from DukeNet's insurance company. DukeNet shall forward a certificate of insurance and notice of cancellation to BellSouth at the following address:

BellSouth Telecommunications, Inc.  
Attn.: Risk Management Coordinator  
600 N. 19<sup>th</sup> Street, 18B3  
Birmingham, Alabama 35203

8.6 DukeNet must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.

8.7 Failure to comply with the provisions of this Section will be deemed a material breach of this Agreement.

## **9. MECHANICS LIENS**

9.1 If any mechanics lien or other liens shall be filed against property of either party (BellSouth or DukeNet), or any improvement thereon by reason of or arising out of any labor or materials furnished or alleged to have been furnished or to be furnished to or for the other party or by reason of any changes, or additions to said property made at the request or under the direction of the other party, the other party directing or requesting those changes shall, within thirty (30) days after receipt of written notice from the party against whose property said lien has been filed, either pay such lien or cause the same to be bonded off the affected property in the manner provided by law. The party causing said lien to be placed against the property of the other shall also defend, at its sole cost and expense, on behalf of the other, any action, suit or proceeding which may be brought for the enforcement of such liens and shall pay any damage and discharge any judgment entered thereon.

## **10. INSPECTIONS**

10.1 BellSouth shall conduct an inspection of DukeNet's equipment and facilities in the Collocation Space(s) prior to the activation of facilities between DukeNet's equipment and equipment of BellSouth. BellSouth may conduct an inspection if DukeNet adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide DukeNet with a minimum of forty-eight (48) hours or two (2) business days, whichever is greater, advance notice of all such inspections. All costs of such inspection shall be borne by BellSouth.

## **11. SECURITY AND SAFETY REQUIREMENTS**

11.1 Only BellSouth employees, BellSouth certified vendors and authorized employees, authorized Guests, pursuant to Section 3.3, preceding, or authorized agents of DukeNet will be permitted in the BellSouth Central Office. DukeNet shall provide its employees and agents with picture identification which must be worn and visible at all times while in the Collocation Space or other areas in or around the Central Office. The photo Identification card shall bear, at a minimum, the employee's name and photo, and the DukeNet name. BellSouth reserves the right to remove from its premises any employee of DukeNet not possessing identification issued by DukeNet. DukeNet shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth premises. DukeNet shall be solely responsible for ensuring that any Guest of DukeNet is in compliance with all subsections of this Section 11.

11.1.1 DukeNet will be required, at its own expense, to conduct a statewide investigation of criminal history records for each DukeNet employee being considered for work on the BellSouth Central Office, for the states/counties where the DukeNet employee has worked and lived for the past five years. Where state law does not permit statewide collection or reporting, an investigation of the applicable counties is acceptable.

11.1.2 DukeNet will be required to administer to their personnel assigned to the BellSouth Central Office security training either provided by BellSouth, or meeting criteria defined by BellSouth.

11.1.3 DukeNet shall not assign to the BellSouth Central Office any personnel with records of felony criminal convictions. DukeNet shall not assign to the BellSouth Central Office any personnel with records of misdemeanor convictions, except for misdemeanor traffic violations, without advising BellSouth of the nature and gravity of the offense(s). BellSouth reserves the right to refuse building access to any DukeNet personnel who have been identified to have misdemeanor criminal convictions. Notwithstanding the foregoing, in the event that DukeNet chooses not to advise BellSouth of the nature and gravity of any misdemeanor conviction, DukeNet may, in the alternative, certify to BellSouth that it shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions (other than misdemeanor traffic violations).

11.1.4 For each DukeNet employee requiring access to a BellSouth Central Office pursuant to this agreement, DukeNet shall furnish BellSouth, prior to an employee gaining such access, a certification that the aforementioned background check and security training were completed. The certification will contain a statement that no felony convictions were found and certifying that the security training was completed by the employee. If the employee's criminal history includes misdemeanor convictions, DukeNet will disclose the nature of the convictions to BellSouth at that time. In the alternative, DukeNet may certify to BellSouth that it shall not assign to the BellSouth Premises any personnel with records of misdemeanor convictions other than misdemeanor traffic violations.

11.1.5 At BellSouth's request, DukeNet shall promptly remove from the BellSouth's premises any employee of DukeNet BellSouth does not wish to grant access to its premises pursuant to any investigation conducted by BellSouth.

11.2 Notification to BellSouth. BST reserves the right to interview DukeNet's employees, agents, or contractors. DukeNet and its contractors shall cooperate fully with

BellSouth's investigation into allegations of wrongdoing or criminal conduct committed by or involving DukeNet's employees, agents, or contractors. Additionally, BellSouth reserves the right to bill DukeNet for all costs associated with investigations involving its employees, agents, or contractors if it can be reasonably established that DukeNet's employees, agents, or contractors are responsible for the alleged act. BellSouth shall bill DukeNet for BellSouth property which is stolen or damaged where an investigation determines the culpability of DukeNet's employees, agents, or contractors. DukeNet shall notify BellSouth in writing immediately in the event that the CLEC discovers one of its employees already working on the BellSouth premises is a possible security risk. BellSouth reserves the right to permanently remove from its premises any employee of DukeNet identified as posing a security risk to BellSouth or any other CLEC, or having violated BellSouth policies set forth in the BellSouth CLEC Security Training. DukeNet shall hold BellSouth harmless for any damages resulting from such removal of its personnel from BellSouth premises.

11.3 Use of BellSouth Supplies by DukeNet Employees. Use of any BellSouth supplies by a DukeNet employee, whether or not used routinely to provide telephone service (e.g. plug-in cards,) will be considered theft and will be handled accordingly. Costs associated with such unauthorized use of BellSouth property may be charged to DukeNet as may be all associated investigative costs. At BellSouth's request, DukeNet shall promptly and permanently remove from BellSouth's Central Office any employee of DukeNet found to be in violation of this rule.

11.4 Use of Official Lines by DukeNet Employees. Except for local calls necessary in the performance of their work, DukeNet employees shall not use the telephones on BellSouth Central Office. Charges for unauthorized telephone calls made by a DukeNet's employees may be charged to DukeNet as may be all associated investigative costs. At BellSouth's request, DukeNet shall promptly and permanently remove from BellSouth's premises any employee of DukeNet found to be in violation of this rule.

11.5 Accountability. Full compliance with the Security requirements of this section shall in no way limit the accountability of any CLEC for the improper actions of its employees.

## 12. DESTRUCTION OF COLLOCATION SPACE

12.1 In the event a Collocation Space is wholly or partially damaged by fire, windstorm, tornado, flood or by similar causes to such an extent as to be rendered wholly unsuitable for DukeNet's permitted use hereunder, then either party may elect within ten (10) days after such damage, to terminate this Agreement, and if either party shall so elect, by giving the other written notice of termination, both parties shall stand released of and from further liability under the terms hereof. If the Collocation Space shall suffer only minor damage and shall not be rendered wholly unsuitable for DukeNet's permitted use, or is damaged and the option to terminate is not exercised by either party, BellSouth covenants and agrees to proceed promptly without expense to DukeNet, except for improvements not the property of BellSouth, to repair the damage. BellSouth shall have a reasonable time within which to rebuild or make any repairs, and such rebuilding and repairing shall be subject to delays caused by storms, shortages of labor and materials, government regulations, strikes, walkouts, and causes beyond the control of BellSouth, which causes shall not be construed as limiting factors, but as exemplary only. DukeNet may, at its own expense, accelerate the rebuild of its collocated space and equipment provided however that a certified vendor is used and the

necessary space preparation has been completed. Rebuild of equipment must be performed by a BellSouth Certified Vendor. If DukeNet's acceleration of the project increases the cost of the project, then those additional charges will be incurred by DukeNet. Where allowed and where practical, DukeNet may erect a temporary facility while BellSouth rebuilds or makes repairs. In all cases where the Collocation Space shall be rebuilt or repaired, DukeNet shall be entitled to an equitable abatement of rent and other charges, depending upon the unsuitability of the Collocation Space for DukeNet's permitted use, until such Collocation Space is fully repaired and restored and DukeNet's equipment installed therein (but in no event later than thirty (30) days after the Collocation Space is fully repaired and restored). Where DukeNet has placed an Adjacent Arrangement pursuant to section 3.4, DukeNet shall have the sole responsibility to repair or replace said Adjacent Arrangement provided herein. Pursuant to this section, BellSouth will restore the associated services to the Adjacent Arrangement.

### 13. EMINENT DOMAIN

13.1 If the whole of a Collocation Space or Adjacent Arrangement shall be taken by any public authority under the power of eminent domain, then this Agreement shall terminate as of the day possession shall be taken by such public authority and rent and other charges for the Collocation Space or Adjacent Arrangement shall be paid up to that day with proportionate refund by BellSouth of such rent and charges as may have been paid in advance for a period subsequent to the date of the taking. If any part of the Collocation Space or Adjacent Arrangement shall be taken under eminent domain, BellSouth and DukeNet shall each have the right to terminate this Agreement and declare the same null and void, by written notice of such intention to the other party within ten (10) days after such taking.

### 14. NONEXCLUSIVITY

12.1 DukeNet understands that this Agreement is not exclusive and that BellSouth may enter into similar agreements with other parties. Assignment of space pursuant to all such agreements shall be determined by space availability and made on a first come, first served basis.

### 15. NOTICES

15.1 Except as otherwise provided herein, any notices or demands that are required by law or under the terms of this Agreement shall be given or made by DukeNet or BellSouth in writing and shall be given by hand delivery, or by certified or registered mail, and addressed to the parties as follows:

To BellSouth:

600 N. 19<sup>th</sup> Street

9<sup>th</sup> Floor

Birmingham, AL 35240

To DukeNet:

422 South Church Street

Mail Code PB03R

Charlotte, NC 28201

ATTN: CLEC Account Team

ATTN: Tony Cockerham

15.2 Such notices shall be deemed to have been given in the case of certified or registered mail when deposited in the United States mail with postage prepaid.

## **16. INDEMNITY / LIMITATION OF LIABILITY**

16.1 DukeNet shall be liable for any damage to property, equipment or facilities or injury to person caused by the activities of DukeNet, its agents or employees pursuant to, or in furtherance of, rights granted under this Agreement. DukeNet shall indemnify and hold BellSouth harmless from and against any judgments, fees, costs or other expenses resulting or claimed to result from such activities by DukeNet, its agents or employees.

16.2 BellSouth shall not be liable to DukeNet for any interruption of DukeNet's service or for interference with the operation of DukeNet's communications facilities, or for any special, indirect, incidental or consequential damages arising in any manner, including BellSouth's negligence, out of the use of the Collocation Space(s) and DukeNet shall indemnify, defend and hold BellSouth harmless from and against any and all claims, demands, causes of action, costs and reasonable attorneys' fees with respect to such special, indirect, incidental or consequential damages.

## **17. PUBLICITY**

17.1 DukeNet agrees to submit to BellSouth all advertising, sales promotion, press releases, and other publicity matters relating to this Agreement or mentioning or implying the tradenames, logos, trademarks or service marks (hereinafter "Marks") of BellSouth Corporation and/or any of its affiliated companies or language from which the connection of said Marks therewith may be inferred or implied, or mentioning or implying the names of any personnel of BellSouth Corporation and/or any of its affiliated companies, and DukeNet further agrees not to publish or use such advertising, sales promotions, press releases, or publicity matters without BellSouth's prior written consent.

## **18. FORCE MAJEURE**

18.1 Neither party shall be in default by reason of any failure in performance of this Agreement, in accordance with its terms and conditions, if such failure arises out of causes beyond the control of the nonperforming party including, but not restricted to, acts of God, acts of government, insurrections, fires, floods, accidents, epidemics, quarantines, restrictions, strikes, freight embargoes, inability to secure raw materials or transportation facilities, acts or omissions of carriers or any and all other causes beyond the party's control.

## **19. YEAR 2000 COMPLIANCE**

19.1 Each party warrants that it has implemented a program the goal of which is to ensure that all collocated equipment, software, hardware and related materials (collectively called "Systems") delivered, connected with BellSouth or supplied in the furtherance of the terms and conditions specified in this Agreement: (i) will record, store, process and display

calendar dates falling on or after January 1, 2000, in the same manner, and with the same functionality as such software records, stores, processes and calendar dates falling on or before December 31, 1999; and (ii) shall include without limitation date data century recognition, calculations that accommodate same century and multicentury formulas and date values, and date data interface values that reflect the century.

## **20. ASSIGNMENT**

20.1 DukeNet acknowledges that this Agreement does not convey any right, title or interest in the Central Office to DukeNet. This Agreement is not assignable by either party without the prior written consent of the other party, and any attempt to assign any of the rights, duties or obligations of this Agreement without such consent is void. Notwithstanding the foregoing, either party may assign any rights, duties or obligations of this Agreement to a parent, subsidiary or affiliate without the consent of the other party.

## **21. NO IMPLIED WAIVER**

21.1 No consent or waiver by either party to or of any breach of any covenant, term, condition, provision or duty of the other party under this Agreement shall be construed as a consent to or waiver of any other breach of the same or any other covenant, term, condition, provision or duty. No such consent or waiver shall be valid unless in writing and signed by the party granting such consent or waiver.

## **22. RESOLUTION OF DISPUTES**

22.1 Except as otherwise stated in this Agreement, the Parties agree that if any dispute arises as to the interpretation of any provision of this Agreement or as to the proper implementation of this Agreement, the parties will petition the Commission in the state where the services are provided pursuant to this Agreement for a resolution of the dispute. However, each party reserves any rights it may have to seek judicial review of any ruling made by the Public Service Commission concerning this Agreement.

## **23. SECTION HEADINGS**

23.1 The section headings used herein are for convenience only, and shall not be deemed to constitute integral provisions of this Agreement.

## **24. AUTHORITY**

24.1 Each of the parties hereto warrants to the other that the person or persons executing this Agreement on behalf of such party has the full right, power and authority to enter into and execute this Agreement on such party's behalf and that no consent from any other person or entity is required as a condition precedent to the legal effect of this Agreement.

**25. REVIEW OF AGREEMENT**

25.1 The parties acknowledge that each has had an opportunity to review and negotiate this Agreement and has executed this Agreement only after such review and negotiation. The Parties further agree that this Agreement shall be deemed to have been drafted by both BellSouth and DukeNet and the terms and conditions contained herein shall not be construed any more strictly against one party or the other.

**26. FILING OF AGREEMENT**

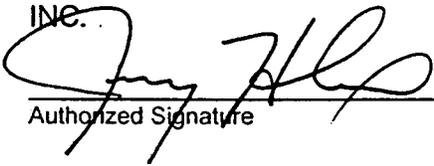
26.1 Upon execution of this Agreement it shall be filed with the appropriate state regulatory agency pursuant to the requirements of section 252 of the Act. If the regulatory agency imposes any filing or public interest notice fees regarding the filing or approval of the Agreement, said costs shall be borne by DukeNet.

**27. ENTIRE AGREEMENT**

27.1 This Agreement contains the full understanding of the Parties (superseding all prior or contemporaneous correspondence between the Parties) and shall constitute the entire agreement between BellSouth and DukeNet and may not be modified or amended other than by a written instrument signed by both parties. If any conflict arises between the terms and conditions contained in this Agreement and those contained in a filed tariff, the terms and conditions of this Agreement shall control.

IN WITNESS WHEREOF, the Parties have executed this Agreement by their duly authorized representatives in one or more counterparts, each of which shall constitute an original, on the day and year first above written.

BELLSOUTH TELECOMMUNICATIONS, INC.

  
\_\_\_\_\_  
Authorized Signature

Jerry Hendrix  
\_\_\_\_\_  
Print or Type Name

Senior Director  
\_\_\_\_\_  
Title

11/22/99  
\_\_\_\_\_  
Date

DukeNet Communications, Inc.

  
\_\_\_\_\_  
Authorized Signature

John D. Snoddy  
\_\_\_\_\_  
Print or Type Name

SR. VP Eng. & Ops.  
\_\_\_\_\_  
Title

November 18, 1999  
\_\_\_\_\_  
Date

**EXHIBIT A: BELLSOUTH/DukeNet RATES – ALABAMA  
PHYSICAL COLLOCATION**

Rates marked with an asterisk (\*) are interim and are subject to true-up

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$7,124.00 Disconnect Charge \$1.73
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
	Ground Bar*	Per Connection		\$720.00
	Project Management*	Per arrangement		\$1675.00
	Cable Racking / Fiber Duct	Per arrangement, square foot		ICB
	Frame / Aisle Lighting	Per arrangement, square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
PE1BW PE1CW	Space Enclosure (Note 3) <i>Requested Prior to 6/1/99</i> Welded Wire-mesh Welded Wire-mesh	Per first 100 sq. ft. Per add'l 50 sq. ft.	\$189.86 \$19.28	NA NA
PE1PJ	Floor Space	Per square foot	\$3.85	NA
PE1BD	Cable Installation	Per Cable	NA	\$2,335.00 Disconnect Charge \$54.39
PE1PM	Cable Support Structure	Per entrance cable	\$23.23	NA

**EXHIBIT A: BELLSOUTH/DukeNet RATES - ALABAMA  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1PL	Power			
	-48V DC Power	Per amp	\$7.14	ICB
	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
	277V AC Power three phase*	Per breaker amp	\$38.20	ICB
	<b>Cross Connects (Note 4)</b>	Per Cross Connect		First / Additional
PE1P2	2-wire		\$ .28	\$30.76 / \$29.40
PE1P4	4-wire		\$ .56	\$31.01 / \$29.58
PE1P1	DS-1		\$2.14	\$60.81 / \$41.71
PE1P3	DS-3		\$38.63	\$57.80 / \$39.81
PE1F2	2-fiber		\$10.44	\$73.00 / \$52.00
PE1F4	4-fiber		\$18.76	\$88.00 / \$67.00
				Disconnect Charges
				First / Additional
	2-wire			\$12.75 / \$11.38
	4-wire			\$12.82 / \$11.39
	DS-1			\$12.85 / \$11.50
	DS-3			\$14.93 / \$11.76
	<b>Co-Carrier Cross-Connect (Note 5)</b>			
PE1ES Fiber	Fiber Arrangement	Cable Support Structure, per linear foot	\$0.06	NA
PE1DS Copper	Copper or Coaxial	(existing)	\$0.03	NA
		Cable Support Structure (new)	NA	ICB
PE1A1	Security Access System			
	Security system*	Per Central Office	\$52.00	
	New Access Card Activation*	Per Card		\$55.00
	Administrative change, existing card*	Per Card		\$35.00
	Replace lost or stolen card*	Per Card		\$250.00
	Space Availability Report*	Per Central Office Requested		\$550.00

**EXHIBIT A: BELLSOUTH/DukeNet RATES - ALABAMA  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	POT Bay Arrangements <i>Prior to 6/1/99</i>	Per Cross Connect		
PE1PE	2 Wire Cross-Connect		\$0.08	NA
PE1PF	4 Wire Cross-Connect		\$0.17	NA
PE1PG	DS1 Cross-Connect		\$0.69	NA
PE1PH	DS3 Cross-Connect		\$4.74	NA
PE1B2	2 Fiber Cross-Connect		\$25.89	NA
PE1B4	4 Fiber Cross-Connect		\$34.91	NA
AEH	Additional Engineering Fee (Note 6)	Per request, First half hour/Add'l Half hour		First / Additional Basic Time - \$31.00 / \$22.00 Overtime - \$37.00 / \$26.00
	Security Escort			
PE1BT	Basic Time	Per 1/2	NA	\$43.47/\$25.82
PE1OT	Overtime	hour/Additional	NA	\$55.25/\$32.79
PE1PT	Premium Time	Half-hour	NA	\$67.03/\$39.76

**EXHIBIT A: BELLSOUTH/DukeNet RATES - ALABAMA  
PHYSICAL COLLOCATION (cont.)**

Note(s):

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event DukeNet opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to DukeNet as prescribed in Section 7 of the Collocation Agreement.
- (3) **Space Enclosure:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.
- (4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

		Disconnect Charges
	First / Additional	First / Additional
2-wire	\$34.03 / \$32.67	\$14.48 / \$13.11
4-wire	\$34.28 / \$32.85	\$14.55 / \$13.12
DS-1	\$64.08 / \$44.98	\$14.58 / \$13.23
DS-3	\$61.07 / \$43.08	\$16.66 / \$13.49

- (5) **Co-Carrier Cross-Connect:** As stated in Section 1.2 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/DukeNet RATES - FLORIDA  
PHYSICAL COLLOCATION**

Rates marked with an asterisk (\*) are interim and are subject to true-up

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	\$15.53	\$3,248.00
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
	Ground Bar*	Per Connection		\$720.00
	Project Management*	Per arrangement		\$1675.00
	Cable Racking / Fiber Duct	Per arrangement, square foot		ICB
	Frame / Aisle Lighting	Per arrangement, square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
	Space Enclosure (Note 3) <i>Requested Prior to 6/1/99</i>			
PE1BW	Wire Cage	Per first 100 sq. Ft.	\$41.99	NA
PE1BC	Gypsum Board Cage	Per first 100 sq. Ft.	\$84.10	NA
PE1BF	Fire Rated Cage	Per first 100 sq. Ft.	\$99.73	NA
PE1CW	Wire Cage	Per add'l 50 sq. Ft.	\$4.14	NA
PE1CC	Gypsum Board Cage	Per add'l 50 sq. Ft.	\$9.35	NA
PE1CF	Fire Rated Cage	Per add'l 50 sq. Ft.	\$11.30	NA
PE1PJ	Floor Space	Per sq. Ft.	\$4.25	NA
PE1BD	Cable Installation	Per Cable	\$2.77	\$1,056.00
PE1PM	Cable Support Structure		\$22.94	NA

**EXHIBIT A: BELLSOUTH/DukeNet RATES - FLORIDA  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1PL	Power -48V DC Power 120V AC Power single phase * 240V AC Power single phase* 120V AC Power three phase* 277V AC Power three phase*	Per amp Per breaker amp Per breaker amp Per breaker amp Per breaker amp	\$7.14 \$5.50 \$11.00 \$16.50 \$38.20	ICB ICB ICB ICB ICB
PE1P2 PE1P4	Cross Connects (Note 4) 2-wire 4-wire	Per Cross Connect	\$0.0524 \$0.0524	\$11.57 \$11.57
PE11S PE11X	DS-1/DCS DS-1/DSX		\$8.085 \$4.110	\$69.64 \$69.64
PE13S PE13X	DS-3/DCS DS-3/DSX		\$56.97 \$10.06	\$528.00 \$528.00
PE1F2	Optical Cross Connects		\$6.46	\$2,431.00
PE1ES PE1DS (TBD)	Co-Carrier Cross-Connect (Note 5) Fiber Cable Support Structure, existing Copper or Coaxial Cable Support Structure, existing Cable Support Structure Construction, new	Per linear foot Per linear foot Per new construction	\$0.06 \$0.03 NA	NA NA ICB
PE1A2	Security Access System Security System* New Access Card Activation* Administrative change, existing card* Replace lost or stolen card*	Per Central Office Per request-5 cards Per Card Per Card	\$95.00 NA NA NA	\$85.12 \$35.00 \$250.00
	Space Availability Report *	Per Central Office Requested		\$550.00
	POT Bay (Note 6)		NA	NA

**EXHIBIT A: BELLSOUTH/DukeNet RATES - FLORIDA  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
AEH	Additional Engineering Fee (Note 7)	Per request, First half hour/Add'l half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00
	Security Escort			
	Basic Time	Per ¼ hour	NA	\$10.89
	Overtime	Per ¼ hour	NA	\$13.64
	Premium Time	Per ¼ hour	NA	\$16.40

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. BellSouth will pro rate the total shared space preparation costs among the collocators at each location based on the amount of square footage occupied by each collocator. This charge may vary depending on the location and type of arrangement requested.
- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.
- (4) **Cross Connects:** Rates shown are the equivalent per cross connect rates based on the Florida PSC Ordered rates as follows:

<u>Cross Connects</u>	<u>Per Cross Connect</u>	<u>RC</u>	<u>NRC</u>
2-wire	Per 100 X-Connects	\$5.24	\$1,157.00
4-wire	Per 100 X-Connects	\$5.24	\$1,157.00
DS-1/DCS	Per 28 X-Connects	\$226.39	\$1,950.00
DS-1/DSX	Per 28 X-Connects	\$11.51	\$1,950.00
DS-3/DCS	Per Cross Connect	\$56.97	\$ 528.00
DS-3/DSX	Per Cross Connect	\$10.06	\$528.00
Optical Cross Connects	Per Cross Connect	\$6.46	\$2,431.00

**EXHIBIT A: BELLSOUTH/DukeNet RATES - FLORIDA**  
**PHYSICAL COLLOCATION (cont.)**

- (5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the direct connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the direct connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (6) **POT Bays:** BellSouth's Florida specific rates were established in the Florida Public Service Commission Docket No. 960833. The Commission did not set permanent rates for POT Bays, given the assumption by the parties to the Proceeding that they will always provide their own POT Bays. It will be necessary for DukeNet to provide its own POT Bays per BellSouth specifications and provide the necessary information from which BellSouth can inventory.
- (7) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/DukeNet RATES - GEORGIA  
PHYSICAL COLLOCATION**

Rates marked with an asterisk (\*) are interim and subject to true-up

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$3,850.00
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)	Per square foot	NA	\$100.00
PE1BW PE1CW	Space Enclosure (Note 3) Cages Prior to 6/1/99 Welded Wire-mesh Welded Wire-mesh	Per first 100 sq. ft. Per add'l 50 sq. ft.	\$170.64 \$17.33	NA NA
PE1PJ PE1PK	Floor Space Zone A Zone B	Per square foot Per square foot	\$7.50 \$6.75	NA NA
PE1BD	Cable Installation	Per Cable	NA	\$2,750.00
PE1PM	Cable Support Structure	Per entrance cable	\$13.35	NA
PE1PL	Power -48V DC Power 120V AC Power single phase* 240V AC Power single phase* 120V AC Power three phase* 277V AC Power three phase*	Per amp Per breaker amp Per breaker amp Per breaker amp Per breaker amp	\$7.14 \$5.50 \$11.00 \$16.50 \$38.20	ICB ICB ICB ICB ICB
PE1P2 PE1P4 PE1P1 PE1P3 PE1F2 PE1F4	Cross Connects 2-wire 4-wire DS-1 DS-3 2-fiber 4-fiber	Per Cross Connect	\$0.30 \$0.50 \$8.00 \$72.00 \$10.29 \$18.50	First / Additional \$12.60 / \$12.60 \$12.60 / \$12.60 \$155.00 / \$27.00 \$155.00 / \$27.00 \$73.00 / \$52.00 \$88.00 / \$67.00

**EXHIBIT A: BELLSOUTH/DukeNet RATES - GEORGIA  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1ES	Co-Carrier Cross-Connect (Note 4) Fiber Cable Support Structure, existing	Per linear foot	\$0.06	NA
PE1DS	Copper or Coaxial Cable Support Structure, existing	Per linear foot	\$0.03	NA
(TBD)	Cable Support Structure Construction, new	Per new construction	NA	ICB
PE1A1	Security Access System Security system* New Access Card Activation* Administrative change, existing card* Replace lost or stolen card*	Per Central Office Per Card Per Card Per Card	\$52.00	\$55.00 \$35.00 \$250.00
	Space Availability Report*	Per Central Office Requested		\$550.00
PE1PE	POT Bay Arrangements <i>Prior to 6/1/99</i> 2 Wire Cross-Connect	Per Cross Connect	\$0.40	NA
PE1PF	4 Wire Cross-Connect		\$1.20	NA
PE1PG	DS1 Cross-Connect		\$1.20	NA
PE1PH	DS3 Cross-Connect		\$8.00	NA
PE1B2	2 Fiber Cross-Connect		\$25.53	NA
PE1B4	4 Fiber Cross-Connect		\$34.43	NA
AEH	Additional Engineering Fee (Note 5)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00
PE1BT	Security Escort Basic Time	Per 1/2 hour/Additional	NA	\$41.00/\$25.00
PE1OT	Overtime	Half-hour	NA	\$48.00/\$30.00
PE1PT	Premium Time		NA	\$55.00/\$35.00

**EXHIBIT A: BELLSOUTH/DukeNet RATES - GEORGIA**  
**PHYSICAL COLLOCATION (cont.)**

**Note(s)**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers a portion of costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. This is a set fee of \$100 per square foot as established by the Georgia Public Service Commission Order in Docket No. 7061-U. In the event DukeNet opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to DukeNet as prescribed in Section 7 of the Collocation Agreement.
- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a one-time fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.
- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELL SOUTH/DukeNet RATES - KENTUCKY  
PHYSICAL COLLOCATION**

Rates marked with an asterisk (\*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$9,926.72
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
	Ground Bar*	Per Connection		\$720.00
	Project Management*	Per arrangement		\$1,675.00
	Cable Racking/Fiber Duct	Per arrangement, per square foot		ICB
	Frame / Aisle lighting	Per arrangement, per square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
PE1BW PE1CW	Space Enclosure (Note 3) Prior to 6/1/99 Welded Wire-mesh Welded Wire-mesh	Per first 100 sq. ft. Per add'l 50 sq. ft.	\$201.02 \$20.42	NA NA
PE1PJ	Floor Space	Per square foot	\$5.00	NA
PE1BD	Cable Installation	Per Cable	NA	\$2,327.08
PE1PM	Cable Support Structure	Per entrance cable	\$24.23	NA
PE1PL	Power			
	-48V DC Power	Per amp	\$7.68	ICB
	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
	277V AC Power three phase*	Per breaker amp	\$38.20	ICB

**EXHIBIT A: BELLSOUTH/DukeNet RATES - KENTUCKY  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1P2	Cross Connects 2-wire	Per Cross Connect	\$ .31	First / Additional \$54.21/\$51.07
PE1P4	4-wire		\$ .62	\$54.23/\$50.96
PE1P1	DS-1		\$1.92	\$99.23/\$69.15
PE1P3	DS-3		\$39.94	\$97.48/\$66.90
PE1F2	2-fiber		\$13.28	\$73.00/\$52.00
PE1F4	4-fiber		\$23.87	\$88.00/\$67.00
	Co-Carrier Cross-Connect (Note 5)			
PE1ES Fiber	Fiber Arrangement Cable Support Structure	Per linear foot (existing)	\$0.06	NA
PE1DS Copper	Copper or Coaxial Arrangement	Per linear foot (existing)	\$0.03	NA
TBD	Cable Support Structure Construction	Per new construction	NA	ICB
PE1A1	Security Access System Security system New Access Card Activation Administrative change, existing card Replace lost or stolen card	Per Central Office Per Card Per Card Per Card	\$52.00	\$55.00 \$35.00 \$250.00
TBD	Space Availability Report	Per Central Office Requested	NA	\$550.00
	POT Bay Arrangements Prior to 6/1/99	Per Cross Connect		
PE1PE	2 Wire Cross-Connect		\$0.06	NA
PE1PF	4 Wire Cross-Connect		\$0.15	NA
PE1PG	DS1 Cross-Connect		\$0.58	NA
PE1PH	DS3 Cross-Connect		\$4.51	NA
PE1B2	2 Fiber Cross-Connect		\$32.94	NA
PE1B4	4 Fiber Cross-Connect		\$44.42	NA
PE1BT PE1OT PE1PT	Security Escort Basic Time Overtime Premium Time	Per 1/2 hour/Additional Half-hour	NA NA NA	\$56.09/\$31.99 \$67.75/\$39.00 \$79.41/\$46.01

**EXHIBIT A: BELLSOUTH/DukeNet RATES - KENTUCKY  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
AEH	Additional Engineering Fee (Note 5)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event DukeNet opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to DukeNet as prescribed in Section 7 of the Collocation Agreement.
- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a one-time fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.
- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/DukeNet RATES – LOUISIANA  
PHYSICAL COLLOCATION**

Rates marked with an asterisk (\*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$4,910.00
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
	Ground Bar*	Per Connection		\$720.00
	Project Management*	Per arrangement		\$1,675.00
	Cable Racking/Fiber Duct	Per arrangement, per square foot		ICB
	Frame / Aisle lighting	Per arrangement, per square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
PE1BW PE1CW	Space Enclosure (Note 3) Prior to 6/1/99 Welded Wire-mesh Welded Wire-mesh	Per first 100 sq. ft. Per add'l 50 sq. ft.	\$197.55 \$20.07	NA NA
PE1PJ	Floor Space	Per square foot	\$4.01	NA
PE1BD	Cable Installation	Per Cable	NA	\$1,706.00 Disconnect charge \$36.00
PE1PM	Cable Support Structure	Per entrance cable	\$24.05	NA
PE1PL	Power			
	-48V DC Power	Per amp	\$7.15	ICB
	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
	277V AC Power three phase*	Per breaker amp	\$38.20	ICB

**EXHIBIT A: BELLSOUTH/DukeNet RATES - LOUISIANA  
PHYSICAL COLLOCATION (cont.)**

Rates marked with an asterisk (\*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	<b>Cross Connects (Note 4)</b>	Per Cross Connect		First / Additional
PE1P2	2-wire		\$ .26	\$23.04/\$22.11
PE1P4	4-wire		\$ .52	\$23.23/\$22.24
PE1P1	DS-1		\$2.03	\$43.61/\$30.60
PE1P3	DS-3		\$36.27	\$41.46/\$29.20
PE1F2	2-fiber		\$10.20	\$73.00/\$52.00
PE1F4	4-fiber		\$18.34	\$88.00/\$67.00
				Disconnect charges
				First / Additional
	2-wire			\$9.48/\$8.54
	4-wire			\$9.53/\$8.55
	DS-1			\$9.56/\$8.63
	DS-3			\$11.06/\$8.86
	<b>Co-Carrier Cross-Connect (Note 5)</b>			
PE1ES Fiber	Fiber Arrangement Cable Support Structure	Per linear foot (existing)	\$0.06	NA
PE1DS Copper	Copper or Coaxial Arrangement	Per linear foot (existing)	\$0.03	NA
TBD	Cable Support Structure Construction	Per new construction	NA	ICB
PE1A1	Security Access System Security system*	Per Central Office	\$52.00	
	New Access Card Activation*	Per Card		\$55.00
	Administrative change, existing card*	Per Card		\$35.00
	Replace lost or stolen card	Per Card		\$250.00
TBD	Space Availability Report*	Per Central Office Requested		\$550.00

**EXHIBIT A: BELLSOUTH/DukeNet RATES - LOUISIANA  
PHYSICAL COLLOCATION (cont.)**

Rates marked with an asterisk (\*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	POT Bay Arrangements <i>Prior to 6/1/99</i>	Per Cross Connect		
PE1PE	2 Wire Cross-Connect		\$0.0776	NA
PE1PF	4 Wire Cross-Connect		\$0.1552	NA
PE1PG	DS1 Cross-Connect		\$0.6406	NA
PE1PH	DS3 Cross-Connect		\$4.75	NA
PE1B2	2 Fiber Cross-Connect		\$25.30	NA
PE1B4	4 Fiber Cross-Connect		\$34.12	NA
	Security Escort			
PE1BT	Basic Time	Per 1/2	NA	\$32.35/\$19.95
PE1OT	Overtime	hour/Additional	NA	\$40.50/\$25.00
PE1PT	Premium Time	Half-hour	NA	\$48.66/\$30.05
AEH	Additional Engineering Fee (Note 6)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event DukeNet opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to DukeNet as prescribed in Section 7 of the Collocation Agreement.

**EXHIBIT A: BELLSOUTH/DukeNet RATES - LOUISIANA  
PHYSICAL COLLOCATION (cont.)**

(3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.

(4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

	First / Additional	Disconnect Charges First / Additional
2-wire	\$24.92/\$23.99	\$10.56/\$9.62
4-wire	\$25.11/\$24.12	\$10.61/\$9.63
DS-1	\$45.49/\$32.48	\$10.64/\$9.71
DS-3	\$43.34/\$31.08	\$12.14/\$9.94

(5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.

(6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/DukeNet RATES – MISSISSIPPI  
PHYSICAL COLLOCATION**

Rates marked with an asterisk (\*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$6,993.00 Disconnect charge \$1.70
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
	Ground Bar*	Per Connection		\$720.00
	Project Management*	Per arrangement		\$1,675.00
	Cable Racking/Fiber Duct	Per arrangement, per square foot		ICB
	Frame / Aisle lighting	Per arrangement, per square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
PE1BW PE1CW	Space Enclosure (Note 3) Prior to 6/1/99 Welded Wire-mesh Welded Wire-mesh	Per first 100 sq. ft. Per add'l 50 sq. ft.	\$205.08 \$20.83	NA NA
PE1PJ	Floor Space	Per square foot	\$3.45	Disconnect charge \$53.24
PE1BD	Cable Installation	Per Cable	NA	\$2,419.00
PE1PM	Cable Support Structure	Per entrance cable	\$22.90	NA
PE1PL	Power			
	-48V DC Power	Per amp	\$6.93	ICB
	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
	277V AC Power three phase*	Per breaker amp	\$38.20	ICB

**EXHIBIT A: BELLSOUTH/DukeNet RATES - MISSISSIPPI  
PHYSICAL COLLOCATION (cont.)**

Rates marked with an asterisk (\*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	<b>Cross Connects (Note 4)</b>	Per Cross Connect		First / Additional
PE1P2	2-wire		\$ .3996	\$30.93/\$29.59
PE1P4	4-wire		\$ .7992	\$31.17/\$29.77
PE1P1	DS-1		\$2.90	\$60.42/\$41.68
PE1P3	DS-3		\$53.31	\$57.45/\$39.81
PE1F2	2-fiber		\$15.82	\$73.00/\$52.00
PE1F4	4-fiber		\$28.43	\$88.00/\$67.00
				Disconnect Charges
	2-wire			First / Additional
	4-wire			\$12.76/\$11.43
	DS-1			\$12.83/\$11.43
	DS-3			\$12.87/\$11.54
				\$14.92/\$11.80
	<b>Co-Carrier Cross-Connect (Note 5)</b>			
PE1ES Fiber	Fiber Arrangement Cable Support Structure	Per linear foot (existing)	\$0.06	NA
PE1DS Copper	Copper or Coaxial Arrangement	Per linear foot (existing)	\$0.03	NA
TBD	Cable Support Structure Construction	Per new construction	NA	ICB
PE1A1	Security Access System Security system*	Per Central Office	\$52.00	
	New Access Card Activation*	Per Card		\$55.00
	Administrative change, existing card*	Per Card		\$35.00
	Replace lost or stolen card	Per Card		\$250.00
TBD	Space Availability Report*	Per Central Office Requested		\$550.00

**EXHIBIT A: BELLSOUTH/DukeNet RATES - MISSISSIPPI  
PHYSICAL COLLOCATION (cont.)**

Rates marked with an asterisk (\*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	POT Bay Arrangements <i>Prior to 6/1/99</i>	Per Cross Connect		
PE1PE	2 Wire Cross-Connect		\$0.1195	NA
PE1PF	4 Wire Cross-Connect		\$0.2389	NA
PE1PG	DS1 Cross-Connect		\$0.9862	NA
PE1PH	DS3 Cross-Connect		\$5.81	NA
PE1B2	2 Fiber Cross-Connect		\$39.23	NA
PE1B4	4 Fiber Cross-Connect		\$52.91	NA
AEH	Additional Engineering Fee <b>(Note 6)</b>	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00
	Security Escort			
PE1BT	Basic Time	Per 1/2	NA	\$42.87/\$25.54
PE1OT	Overtime	hour/Additional	NA	\$54.43/\$32.41
PE1PT	Premium Time	Half-hour	NA	\$65.99/\$39.28

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event DukeNet opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to DukeNet as prescribed in Section 7 of the Collocation Agreement.

**EXHIBIT A: BELLSOUTH/DukeNet RATES - MISSISSIPPI**  
**PHYSICAL COLLOCATION (cont.)**

- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.
- (4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

	First / Additional	Disconnect Charges First / Additional
2-wire	\$33.58 / \$32.24	\$14.27 / \$12.94
4-wire	\$33.82 / \$32.42	\$14.34 / \$12.94
DS-1	\$63.07 / \$44.33	\$14.38 / \$13.05
DS-3	\$60.10 / \$42.46	\$16.43 / \$13.31

- (5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations for existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/DukeNet RATES – NORTH CAROLINA\***  
**PHYSICAL COLLOCATION**

\*Rates are interim and subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$3,850.00
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1,600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC	Per ton (one ton minimum)		\$2,400.00
	Ground Bar	Per Connection		\$720.00
	Project Management	Per arrangement		\$1,675.00
	Cable Racking/Fiber Duct	Per arrangement, per square foot		ICB
	Frame / Aisle lighting	Per arrangement, per square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
PE1BW PE1CW	Space Enclosure (Note 3) Prior to 6/1/99 Welded Wire-mesh Welded Wire-mesh	Per first 100 sq. ft. Per add'l 50 sq. ft.	\$146.80 \$14.91	NA NA
PE1PJ	Floor Space	Per square foot	\$7.50	NA
PE1BD	Cable Installation	Per Cable	NA	\$2,750.00
PE1PM	Cable Support Structure	Per entrance cable	\$13.35	NA
PE1PL	Power			
	-48V DC Power	Per amp	\$5.00	ICB
	120V AC Power single phase	Per breaker amp	\$5.50	ICB
	240V AC Power single phase	Per breaker amp	\$11.00	ICB
	120V AC Power three phase	Per breaker amp	\$16.50	ICB
	277V AC Power three phase	Per breaker amp	\$38.20	ICB

**EXHIBIT A: BELL SOUTH/DukeNet RATES – NORTH CAROLINA\***  
**PHYSICAL COLLOCATION (cont.)**

\*Rates are interim and subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1P2	Cross Connects 2-wire	Per Cross Connect	\$ .30	First / Additional \$19.20/\$19.20
PE1P4	4-wire		\$ .50	\$19.20/\$19.20
PE1P1	DS-1		\$8.00	\$155.00/\$27.00
PE1P3	DS-3		\$72.00	\$155.00/\$27.00
PE1F2	2-fiber		\$15.90	\$73.00/\$52.00
PE1F4	4-fiber		\$28.50	\$88.00/\$67.00
	Co-Carrier Cross-Connect (Note 4)			
PE1ES Fiber	Fiber Arrangement Cable Support Structure	Per linear foot (existing)	\$0.06	NA
PE1DS Copper	Copper or Coaxial Arrangement	Per linear foot (existing)	\$0.03	NA
TBD	Cable Support Structure Construction	Per new construction	NA	ICB
PE1A1	Security Access System Security system New Access Card Activation Administrative change, existing card Replace lost or stolen card	Per Central Office Per Card Per Card Per Card	\$52.00	\$55.00 \$35.00 \$250.00
TBD	Space Availability Report	Per Central Office Requested		\$550.00
	POT Bay Arrangements <i>Prior to 6/1/99</i>	Per Cross Connect		
PE1PE	2 Wire Cross-Connect		\$0.40	NA
PE1PF	4 Wire Cross-Connect		\$1.20	NA
PE1PG	DS1 Cross-Connect		\$1.20	NA
PE1PH	DS3 Cross-Connect		\$8.00	NA
PE1B2	2 Fiber Cross-Connect		\$39.30	NA
PE1B4	4 Fiber Cross-Connect		\$53.00	NA
PE1BT PE1OT PE1PT	Security Escort Basic Time Overtime Premium Time	Per 1/2 hour/Additional Half-hour	NA NA NA	\$41.00/\$25.00 \$48.00/\$30.00 \$55.00/\$35.00

**EXHIBIT A: BELLSOUTH/DukeNet RATES – NORTH CAROLINA  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
AEH	Additional Engineering Fee (Note 5)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event DukeNet opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to DukeNet as prescribed in Section 7 of the Collocation Agreement.
- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.
- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations for existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELL SOUTH/DukeNet RATES – SOUTH CAROLINA  
PHYSICAL COLLOCATION**

Rates marked with an asterisk (\*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$4,850.00
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC*	Per ton (one ton minimum)		\$2,400.00
	Ground Bar*	Per Connection		\$720.00
	Project Management*	Per arrangement		\$1,675.00
	Cable Racking/Fiber Duct	Per arrangement, per square foot		ICB
	Frame / Aisle lighting	Per arrangement, per square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications			ICB
PE1BW PE1CW	Space Enclosure (Note 3) Prior to 6/1/99			
	Welded Wire-mesh	Per first 100 sq. ft.	\$224.60	NA
	Welded Wire-mesh	Per add'l 50 sq. ft.	\$22.81	NA
PE1PJ	Floor Space	Per square foot	\$3.90	NA
PE1BD	Cable Installation	Per Cable	NA	\$2,217.00
PE1PM	Cable Support Structure	Per entrance cable	\$24.55	NA
PE1PL	Power			
	-48V DC Power	Per amp	\$7.09	ICB
	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
	277V AC Power three phase*	Per breaker amp	\$38.20	ICB

**EXHIBIT A: BELLSOUTH/DukeNet RATES – SOUTH CAROLINA  
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	<b>Cross Connects (Note 4)</b>			First / Additional
PE1P2	2-wire	Per Cross Connect	\$ .3648	\$41.50/\$38.94
PE1P4	4-wire	Per Cross Connect	\$ .7297	\$41.56/\$38.90
PE1P1	DS-1	Per Cross Connect	\$2.70	\$70.79/\$50.78
PE1P3	DS-3	Per Cross Connect	\$49.24	\$69.60/\$49.14
PE1F2	2-fiber	Per Cross Connect	\$13.75	\$73.00/\$52.00
PE1F4	4-fiber	Per Cross Connect	\$24.71	\$88.00/\$67.00
	<b>Co-Carrier Cross-Connect (Note 5)</b>			
PE1ES Fiber	Fiber Arrangement Cable Support Structure	Per linear foot (existing)	\$0.06	NA
PE1DS Copper	Copper or Coaxial Arrangement	Per linear foot (existing)	\$0.03	NA
TBD	Cable Support Structure Construction	Per new construction	NA	ICB
PE1A1	Security Access System Security system*	Per Central Office	\$52.00	
	New Access Card Activation*	Per Card		\$55.00
	Administrative change, existing card*	Per Card		\$35.00
	Replace lost or stolen card	Per Card		\$250.00
TBD	Space Availability Report*	Per Central Office Requested		\$550.00
	<b>POT Bay Arrangements Prior to 6/1/99</b>	Per Cross Connect		
PE1PE	2 Wire Cross-Connect		\$ .1091	NA
PE1PF	4 Wire Cross-Connect		\$ .2181	NA
PE1PG	DS1 Cross-Connect		\$ .9004	NA
PE1PH	DS3 Cross-Connect		\$5.64	NA
PE1B2	2 Fiber Cross-Connect		\$34.09	NA
PE1B4	4 Fiber Cross-Connect		\$45.97	NA
	<b>Security Escort</b>			
PE1BT	Basic Time	Per 1/2 hour/Additional	NA	\$43.00/\$25.57
PE1OT	Overtime	hour/Additional	NA	\$54.62/\$32.46
PE1PT	Premium Time	Half-hour	NA	\$66.24/\$39.35

**EXHIBIT A: BELLSOUTH/DukeNet RATES – SOUTH CAROLINA  
PHYSICAL COLLOCATION (cont.)**

AEH	Additional Engineering Fee (Note 6)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event DukeNet opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to DukeNet as prescribed in Section 7 of the Collocation Agreement.
- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.
- (4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

	<u>First / Additional</u>
2-wire	\$46.66 / \$44.10
4-wire	\$46.68 / \$44.02
DS-1	\$75.88 / \$55.87
DS-3	\$74.69 / \$54.23

- (5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.

**EXHIBIT A: BELLSOUTH/DukeNet RATES – SOUTH CAROLINA  
PHYSICAL COLLOCATION (cont.)**

- (6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/DukeNet RATES – TENNESSEE\***  
**PHYSICAL COLLOCATION**

\*All Rates are interim and subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$3,850.00
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1,600.00 Minumum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC	Per ton (one ton minimum)		\$2,400.00
	Ground Bar	Per Connection		\$720.00
	Project Management	Per arrangement		\$1,675.00
	Cable Racking/Fiber Duct	Per arrangement, per square foot		ICB
	Frame / Aisle lighting	Per arrangement, per square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
PE1BW PE1CW	Space Enclosure (Note 3) Prior to 6/1/99 Welded Wire-mesh Welded Wire-mesh	Per first 100 sq. ft. Per add'l 50 sq. ft.	\$190.79 \$19.38	NA NA
PE1PJ	Floor Space	Per square foot	\$7.50	NA
PE1BD	Cable Installation	Per Cable	NA	\$2,750.00
PE1PM	Cable Support Structure	Per entrance cable	\$13.35	NA
PE1PL	Power			
	-48V DC Power	Per amp	\$5.00	ICB
	120V AC Power single phase	Per breaker amp	\$5.50	ICB
	240V AC Power single phase	Per breaker amp	\$11.00	ICB
	120V AC Power three phase	Per breaker amp	\$16.50	ICB
	277V AC Power three phase	Per breaker amp	\$38.20	ICB

**EXHIBIT A: BELLSOUTH/DukeNet RATES – TENNESSEE\***  
**PHYSICAL COLLOCATION (cont.)**

\*Rates are interim and subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1P2	Cross Connects 2-wire	Per Cross Connect	\$ .30	First / Additional \$19.20/\$19.20
PE1P4	4-wire		\$ .50	\$19.20/\$19.20
PE1P1	DS-1		\$8.00	\$155.00/\$27.00
PE1P3	DS-3		\$72.00	\$155.00/\$27.00
PE1F2	2-fiber		\$15.90	\$73.00/\$52.00
PE1F4	4-fiber		\$28.50	\$88.00/\$67.00
	<b>Co-Carrier Cross-Connect (Note 4)</b>			
PE1ES Fiber	Fiber cable support structure, existing	Per linear foot	\$0.06	NA
PE1DS Copper	Copper or Coaxial cable support structure, existing	Per linear foot	\$0.03	NA
TBD	Cable Support Structure Construction (new)	Per new construction	NA	ICB
PE1A1	Security Access System Security system New Access Card Activation Administrative change, existing card Replace lost or stolen card	Per Central Office Per Card Per Card Per Card	\$52.00	\$55.00 \$35.00 \$250.00
TBD	Space Availability Report	Per Central Office Requested		\$550.00
	<b>POT Bay Arrangements Prior to 6/1/99</b>			
PE1PE	2 Wire Cross-Connect	Per Cross Connect	\$0.40	NA
PE1PF	4 Wire Cross-Connect	Per Cross Connect	\$1.20	NA
PE1PG	DS1 Cross-Connect	Per Cross Connect	\$1.20	NA
PE1PH	DS3 Cross-Connect	Per Cross Connect	\$8.00	NA
PE1B2	2 Fiber Cross-Connect	Per Cross Connect	\$39.30	NA
PE1B4	4 Fiber Cross-Connect	Per Cross Connect	\$53.00	NA

**EXHIBIT A: BELLSOUTH/DukeNet RATES – TENNESSEE\***  
**PHYSICAL COLLOCATION (cont.)**

\*Rates are interim and subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BT PE1OT PE1PT	Security Escort Basic Time Overtime Premium Time	Per 1/2 hour/Additional Half-hour	NA NA NA	\$41.00/\$25.00 \$48.00/\$30.00 \$55.00/\$35.00
AEH	Additional Engineering Fee (Note 5)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00

**Note(s):**

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, DukeNet will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event DukeNet opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to DukeNet as prescribed in Section 7 of the Collocation Agreement.
- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. DukeNet may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill DukeNet for the space enclosure, and this fee shall not be applicable.

**EXHIBIT A: BELLSOUTH/DukeNet RATES – TENNESSEE\***  
**PHYSICAL COLLOCATION (cont.)**

- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, DukeNet may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling DukeNet-requested modifications to requests in progress or augmentations for existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, DukeNet agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

## ENVIRONMENTAL AND SAFETY PRINCIPLES

The following principles provide basic guidance on environmental and safety issues when applying for and establishing Physical Collocation arrangements.

### 1. GENERAL PRINCIPLES

1.1 Compliance with Applicable Law. BellSouth and DukeNet agree to comply with applicable federal, state, and local environmental and safety laws and regulations including U.S. Environmental Protection Agency (USEPA) regulations issued under the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), the Toxic Substances Control Act (TSCA), and OSHA regulations issued under the Occupational Safety and Health Act of 1970, as amended and NFPA and National Electrical Codes (NEC) and the NESC ("Applicable Laws"). Each party shall notify the other if compliance inspections are conducted by regulatory agencies and/or citations are issued that relate to any aspect of this Agreement.

1.2 Notice. BellSouth and DukeNet shall provide notice to the other, including Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. Each party is required to provide specific notice for known potential Imminent Danger conditions. DukeNet should contact 1-800-743-6737 for BellSouth MSDS sheets.

1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for DukeNet to follow when working at a BellSouth Central Office (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and contractors of BellSouth for environmental protection. DukeNet will require its contractors, agents and others accessing the BellSouth Central Office to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by CLEC when operating in the BellSouth Central Office.

1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect the DukeNet space with proper notification. BellSouth reserves the right to stop any DukeNet work operation that imposes Imminent Danger to the environment, employees or other persons in the area or Facility.

1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned at the BellSouth Central Office by DukeNet are owned by DukeNet. DukeNet will indemnify BellSouth for claims, lawsuits or damages to persons or property caused by these materials. Without prior written BellSouth approval, no substantial new safety or environmental hazards can be created by DukeNet or different hazardous materials used by DukeNet at BellSouth Facility. DukeNet must demonstrate adequate emergency response

capabilities for its materials used or remaining at the BellSouth Facility.

1.6 Spills and Releases. When contamination is discovered at a BellSouth Central Office, the party discovering the condition must notify BellSouth. All Spills or Releases of regulated materials will immediately be reported by DukeNet to BellSouth.

1.7 Coordinated Environmental Plans and Permits. BellSouth and DukeNet will coordinate plans, permits or information required to be submitted to government agencies, such as emergency response plans, spill prevention control and countermeasures (SPCC) plans and community reporting. If fees are associated with filing, BellSouth and DukeNet will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, DukeNet must comply with all of BellSouth's permit conditions and environmental processes, including environmental "best management practices (BMP)" (see Section 2, below) and/or selection of BST disposition vendors and disposal sites.

1.8 Environmental and Safety Indemnification. BellSouth and DukeNet shall indemnify, defend and hold harmless the other party from and against any claims (including, without limitation, third-party claims for personal injury or death or real or personal property damage), judgments, damages, (including direct and indirect damages, and punitive damages), penalties, fines, forfeitures, costs, liabilities, interest and losses arising in connection with the violation or alleged violation of any Applicable Law or contractual obligation or the presence or alleged presence of contamination arising out of the acts or omissions of the indemnifying party, its agents, contractors, or employees concerning its operations at the Facility.

## **2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES**

When performing functions that fall under the following Environmental categories on BellSouth's Central Office, DukeNet agrees to comply with the applicable sections of the current issue of BellSouth's Environmental and Safety Methods and Procedures (M&Ps), incorporated herein by this reference. DukeNet further agrees to cooperate with BellSouth to ensure that DukeNet's employees, agents, and/or subcontractors are knowledgeable of and satisfy those provisions of BellSouth's Environmental M&Ps which apply to the specific Environmental function being performed by DukeNet, its employees, agents and/or subcontractors.

The most current version of reference documentation must be requested from BellSouth.

2. Categories for Consideration of Environmental Issues (cont.)

ENVIRONMENTAL CATEGORIES	ENVIRONMENTAL ISSUES	ADDRESSED BY THE FOLLOWING DOCUMENTATION
Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent tubes, solvents & cleaning materials)	Pollution liability insurance  EVET approval of contractor	Std T&C 450 GU-BTEN-001BT, Chapter 4 Std T&C 660-3 GU-BTEN-001BT, Chapter 10
Emergency response	Hazmat/waste release/spill firesafety emergency	GU-BTEN-001BT, Chapter Building Emergency Operations Plan (EOP) (specific to Central Office)
Contract labor/outsourcing for services with environmental implications to be performed on BellSouth Central Office (e.g., disposition of hazardous material/waste; maintenance of storage tanks)	Performance of services in accordance with BST's environmental M&Ps  Insurance	Std T&C 450 Std T&C 450-B (Contact E/S or your DEC/LDEC for copy of appropriate E/S M&Ps.) Std T&C 660
Transportation of hazardous material	Pollution liability insurance  EVET approval of contractor	Std T&C 450 GU-BTEN-001BT, Chapter 4 Std T&C 660-3 GU-BTEN-001BT, Chapter 10
Maintenance/operations work which may produce a waste  Other maintenance work	Protection of BST employees and equipment	Std T&C 450 GU-BTEN-001BT, Chapter 10 29CFR 1910.147 29CFR 1910 Subpart O
Janitorial services	All waste removal and disposal must conform to all applicable federal, state and local regulations  All HazMat & Waste Asbestos notification protection of BST employees and equipment	P&SM Manager - Procurement GU-BTEN-001BT, Chapter 4, GU-BTEN-001BT, Chapter 3 BSP 010-170-001BS (Hazcom)
Manhole cleaning	Pollution liability insurance  Manhole entry requirements  EVET approval of contractor	Std T&C 450 Std T&C 660-3 BSP 620-145-011PR Issue A, August 1996 GU-BTEN-001BT, Chapter 10 RL9706008BT
Removing or disturbing building materials that may contain asbestos	Asbestos work practices	GU-BTEN-001BT, Chapter 3

**3. DEFINITIONS**

Generator. Under RCRA, the person whose act produces a Hazardous Waste, as defined in 40 CFR 261, or whose act first causes a Hazardous Waste to become subject to regulation. The Generator is legally responsible for the proper management and disposal of Hazardous Wastes in accordance with regulations.

Hazardous Chemical. As defined in the U.S. Occupational Safety and Health (OSHA) hazard communication standard (29 CFR 1910.1200), any chemical which is a health hazard or physical hazard.

Hazardous Waste. As defined in section 1004 of RCRA.

Imminent Danger. Any conditions or practices at a facility which are such that a danger exists which could reasonably be expected to cause immediate death or serious harm to people or immediate significant damage to the environment or natural resources.

Spill or Release. As defined in Section 101 of CERCLA.

**4. ACRONYMS**

DEC/LDEC - Department Environmental Coordinator/Local Department Environmental Coordinator

GU-BTEN-001BT - BellSouth Environmental Methods and Procedures

EVET - Environmental Vendor Evaluation Team

P&SM - Property & Services Management

Std. T&C - Standard Terms & Conditions

NESC - National Electrical Safety Codes